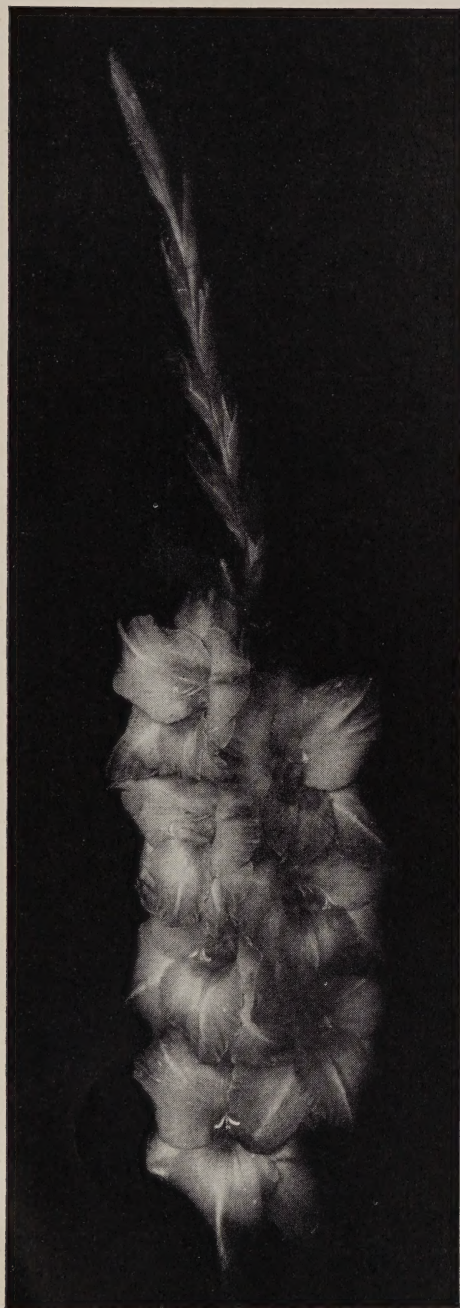


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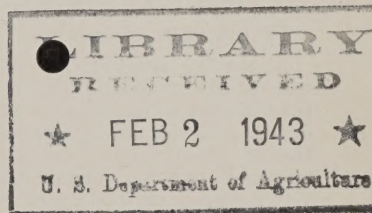
Do not assume content reflects current scientific knowledge, policies, or practices.

62,67



The
**Gladiolus
Fancier's
Guide Book**

●
1943



HERBERT O. EVANS

FARM—SOLON, OHIO

P. O.—BEDFORD, OHIO

TUNIA'S MAHOMET

(42 in. flowerhead, top open floret near 8 in.)

INTRODUCTORY

A GAIN, this booklet is planned for you. It adopts your point of view. It gives you hitherto unpublished facts upon which to base your own conclusions. It is not cluttered up with fictitious values.

A small portion of the information in this booklet is repeated from last year. In such instances, the data is still so valuable that we cannot possibly leave it out.

Of course, all information concerning prize winnings, voting symposiums, newly recommended formulas for bulb disease and thrips prevention is brought right up-to-date.

New matter begins on the next page.

SYMPOSIUM RATINGS

This copyrighted booklet again contains the color breakdown of the last published Symposium of the Canadian Gladiolus Society, copyright owner.

BEHIND US—EXPERIENCE

Fifteen years of informative cataloging.

About five years each as Executive Chairman of the American Gladiolus Society and the Ohio State Gladiolus Society, with general duties of determining editorial policy, negotiating, drafting and executing show contracts, improving variety classification, devising scoring methods, now used with minor variations about the world.

Thirteen years of competitive exhibiting of blooms in A.G.S., Ohio, and other state and regional shows. Beaten but once on commercial display and consistently unbeatable for point accumulation in the three spike, competitive color classes. Usually Achievement Award for most points in the Commercial Division.

Twelve years of importing the finest varieties offered overseas.

Never licked by the thrips, thanks to corrosive sublimate, ethylene dichloride and Rotenone insecticides.

Member of practically every Gladiolus Society in the world with publications in English.

Thus we keep abreast of the times and it is small wonder that, as the Symposium lists change every couple years, we have already been cataloging almost all of them years before they attained their peak of popularity.

We take no special credit for growing a variety better than the other fellow. In fact, most of our show exhibiting amateur customers grow any variety they buy of us better than we. Rather, we win in the shows because we have the cream of the latest introductions from all parts of the world. Selection of the right ones for you to purchase is the ultimate aim of our experience.

Likewise it is our aim to aid our customers both amateur and commercial, in the saving of unnecessary expense and experimentation. Skill and care alone will not make plants yield rich and abundant flowers. The varieties must be inherently capable of it and the bulbs healthy and the plants insect pest free to permit their best performance. Printers' ink can do a lot but it cannot make a good variety out of a poor one.

A WORD TO THE WISE

Disappointment can be minimized by leaving to the highly trained gladiolus specialist the experimentation and cash investment necessary to try out all the new offerings of the many hybridizers. Those who know the quality of competition in national, state and regional shows in the last few years have come to realize that inferior sorts rarely win. We list only those varieties currently winning first prize awards and, on occasion, a limited few new ones which we have grown and which, in our opinion, are about to take their place in the winning ranks. We have almost no errors to acknowledge.

"Has beens" and varieties that have been kicking around in catalogs for years without being able to win in current major shows are omitted. You do not have to sift them carefully from our offerings. We have tried to lead you out of the usual labyrinth of a listing of hundreds of varieties where it would be next to hopeless to differentiate the best from the commonplace. By our method of listing the latter are automatically sifted out.

We have no knowledge of the existence of any other gladiolus catalog in the world that even closely approaches so exclusive a list of prize-winners.

Also, it is well to leave to the federal, state and university entomologists, pathologists and to gladiolus specialists cooperating with them, the determination of best usages for the control of insect pests and bulb and plant diseases. Experimentation by others with poisons, poisonous gases and with insecticides, the component parts of which are not understood by the user, and with unapproved methods of fertilization, usually leads to trouble.

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HERBERT O. EVANS

Farm, State Route 91, SOLON, OHIO

P. O. Address, BEDFORD, OHIO

LAST PUBLISHED SYMPOSIUM RATINGS

(With special permission of the Canadian Gladiolus Society, copyright owner.)

The Canadian Gladiolus Society Symposium, with participation limited to about ninety ranking growers and amateurs, classifies about 600 leading varieties "A" for excellent, "B" good, "C" fair, "D" discard.

You may notice we have been closely anticipating the symposiums in our offerings for many years past. Undoubtedly our customers know this. And we are also offering now quite a number of varieties you will find appearing in the next symposiums. The % of "A" votes is based on a minimum of 21 voters reporting on the particular variety.

We prefer not to publicize faults or in any way to discredit varieties we do not list. Therefore, with perhaps better experience than the average voter in the symposium, we just did not list six or eight of the best 25 in the previous symposium and now find our judgment justified by their complete disappearance from the first 61 in the current symposium. The new faces in this list are in italics.

Small Decorative Varieties are not included in the following list.

CANADIAN G. S. 1942

Rank	Variety	% of A Votes	Rank	Variety	% of A Votes
1	Picardy.....	94.39	32	Blue Beauty.....	63.33
2	Myrna.....	93.02	33	Commander Koehl.....	63.21
3	Aladdin.....	89.25	34	Bit o' Heaven.....	61.90
4	Margaret Beaton.....	86.60	35	<i>Grand Opera</i>	61.54
5	<i>Caribou</i>	86.36	36	Zuni.....	61.45
6	<i>Helen of Troy</i>	81.25	37	<i>Chief Multnomah</i>	59.57
7	Minuet.....	81.00	38	Surfside.....	58.33
8	Algonquin.....	80.49	39	<i>Fairy Queen</i>	57.14
9	<i>Greta Garbo</i>	80.26	40	Camellia.....	56.58
10	<i>Red Charm</i>	79.03	41	Sensation.....	56.52
11	<i>Elizabeth the Queen</i>	77.14	42	Charles Dickens.....	56.44
12	Royal Gold.....	76.39	43	<i>Edelweiss</i>	56.41
13	<i>Beverly</i>	74.36	44	Hindenburg's Mem.....	56.18
14	Beacon.....	73.33	45	Southport.....	55.78
15	Vagabond Prince.....	72.12	46	<i>Sky Pilot</i>	55.56
16	Black Opal.....	70.71	47	Golden Chimes.....	54.55
17	<i>Glamis</i>	70.37	48	<i>Regent</i>	53.93
18	Snow Princess.....	70.24	49	<i>Wings of Song</i>	53.70
19	Rima.....	68.92	50	Blue Admiral.....	53.61
20	Vista Bonita.....	68.57	51	<i>Mrs. G. G. Errey</i>	52.63
21	<i>Lady Jane</i>	68.57	52	<i>Abe</i>	52.50
22	<i>Blaze</i>	67.86	53	Joh. S. Bach.....	51.92
23	Maid of Orleans.....	67.33	54	<i>Ethel Cave Cole</i>	51.72
24	Carillon.....	66.67	55	Tip Top.....	51.04
25	<i>Magnolia</i>	66.67	56	Star of Bethlehem.....	50.96
26	<i>Silentium</i>	66.67	57	<i>Killarney</i>	50.88
27	<i>June Bride</i>	66.67	58	<i>Elanora</i>	50.00
28	Rosemarie Plitzer.....	64.42	59	<i>Leona</i>	50.00
29	<i>Candy Heart</i>	64.10	60	<i>Timbuctoo</i>	50.00
30	<i>Corona</i>	64.00	61	<i>Indian Chief</i>	50.00
31	<i>Mrs. Mark's Mem.</i>	63.64			

"Your Guide Book better than ever—indispensable to the man who wants to win blue ribbons and compete for championships." 1-13-41. J. H. O., Wellesley Hills, Mass.

"Let me first tell you that I think your catalog is a masterpiece. I don't suppose that any of us, who have come to look forward for it each year, realize the vast amount of headaches involved in collecting and tabulating the data. To me it is an important part of the Glad cycle each year and is sincerely appreciated." 1-31-'42. D. W. M., Bradford, Pa.

"I just received the bulbs in good condition. Of course, I knew you would slip in some good extras, but not to the extent of more than double value of the order. I deeply appreciate your liberality and fine selections." 3-25-40. P. L. S., Melrose, Mass.

"Your catalog received, for which I am obliged. You certainly pack a lot of information into it, all useful for the good of the trade." 1-15-41. W. H., Rockwood, Ont.

"Well, you did it again, only better. I refer to your catalog. It arrived today. It's just cram full of most everything a 'gladman' wants." 2-1-40. O. P. S., Athens, Mich.

"Have again received your catalog. Find more wealth of information in it than in any others and thank you for sending it." 2-8-40. E. A. L., Spring Green, Wisc.

"As usual, your guide book is tops. Informative and comprehensive in its special features, highly selective in its listing of varieties, discerning in its descriptions and comments, it is a valuable reference book as well as a catalog." 4-5-40. Prof. C. F. K., Detroit, Mich

TOP AND 2nd RATING VARIETIES IN ADOPTED COLOR CLASSES OF CANADIAN GLADIOLUS SOCIETY 1941

White and Creamy W.....	Myrna	Red, Crimson & Dk. Red.....	Red Charm
Blush White.....	Caribou		Commander Koehl
	Rosemarie Pfitzer	Maroon & Black Red.....	Black Opal
	Corona		Arabella
Light Yellow.....	Royal Gold	Light Mauve, etc.....	Minuet
	Fairy Queen		Elizabeth the Queen
Deep Yellow.....	Harvest Moon	Med. & Deep Mauve, etc.	Gertrude Swenson
	Gold Dust		Takina
Orange to O. Y.....	Helen of Troy	Purple.....	Beverly
	Bit o' Heaven		Mrs. Mark's Mem.
Light Salmon, Lt. Rose.....	Picardy	Light Violet.....	Blue Beauty
	Greta Garbo		Allegro
Sal. O.S. & Re. S.....	Aladdin	Med. & Dark Violet.....	Blue Admiral
	Blaze (Marshall)		Robert Burns
Rò. Sal. & Sal. Ro.....	Glamis	Smoky, etc.....	Vagabond Prince
	Vista Bonita		Zuni
Medium & Deep Rose.....	Sensation	Pk. + + Cre. or Y.....	Sky Pilot
	Southport		Tasman
Scarlet & Light Red.....	Algonquin	Lt. Colors + Dk. Blotch	Margaret Beaton
	Beacon		Silentium

COLOR CLASS TABULATION OF 1942 WINNERS

This tabulation of 1942 winners includes shows in central U. S. and Canada, namely Quebec, Empire (N. Y.), W. Va., Wellsville, Ohio (both 2-day shows), S. E. Mich., Midwest (includes Ind. and Mich. state societies, hosts to six surrounding state societies), Iowa state, Wisc., Minn. (Hibbing show), Winnipeg and Marion Co. (Ind.).

We are using the 1943 MIDWEST classification which adopts the N. E. G. S. color classification but rejects the type-by-form idea on the ground that numberless glads vary from double row floret formation to staggered row or stepladder form, making them impossible to definitely classify by form.

The MIDWEST group is composed of the Ohio, Indiana, Illinois, Michigan State, S. E. Mich., Wisconsin, Minnesota and Iowa Gladiolus Societies and the Mich. Horticultural Soc. The MIDWEST classification is based on size, which all of us can understand.

Varieties are listed within their classification in the order of **OUR** preference, reflecting **OUR** opinion of their relative worth. The first number after variety name indicates the number of 1st prize awards. The second number indicates the number of special awards, section, division and grand champs and Awards of Merit.

Large (Exhibition) 100 Series (over 5 inches)

100 White —
Snow Cruiser 1-0
Crystal 2-1
Myrna 14-6
Matterhorn
Star of Bethlehem 5-0

101 White +
Margaret Beaton 12-2
Caribou 3-0
Surfside 8-1
Ariadne 4-0

106 Cream
June Bride 1-0
Shirley Temple 8-0
Leading Lady 1-0
White Gold 4-0
Bingo 12-1

110 Light Yellow
Sir Galahad 7-0
Golden Galleon
Royal Gold 1-0

Medium (Decorative) 200 Series (5—3½)

200 White —
Maid of Orleans 12-0
Lord Selkirk 2-1
Snow Princess 2-0

201 White +
Silentium 2-0
Edith Grace 2-0
Bob White 1-0

206 Cream
Jersey Cream 3-0
Lady Jane 3-0
Mary Elizabeth 3-0
Intermezzo 5-0
Mrs. G. G. Errey 1-0
Ivory Keys 4-0

210 Light Yellow
Jim Holland
Golden Chimes 8-0
D O X 4-0
Harvest Moon 6-0
Jasmine 1-0

Small (Sm. Dec.) 300 Series (Under 3½)

300 White —
Pearl Harbor 4-0
Sub Deb 6-0
White Butterfly 4-0
Snow Baby 2-0

301 White +

306 Cream

310 Light Yellow
Cut Up

- | | | |
|---|---|--|
| <p>Large (Exhibition)
100 Series (over 5 inches)</p> <p>112 Deep Yellow</p> <p>116 Buff
Helen of Troy 12-4
Mrs. Blanden
King William
Gunpowder</p> <p>122 Orange
Tuts Both 2-0
Bobby Dazzler 1-0
Diane 7-0
Col. Wm. Light
Bolero
Larime 5-1
Lucifer 1-1
Coral Glow 4-0
Barcarole 6-0</p> <p>130 Light Salmon
Mrs. E. Both
Marlene Both
Picardy (Note)
King of Hearts 5-0
K & M's Triumph 1-0</p> <p>132 Deep Salmon
Spitfire 1-4
Aladdin 10-0
Marguerite 1-1
Miss New Zealand 5-1
Smiling Maestro 5-0</p> <p>136 Scarlet
Harmau 4-0
Tunia's Marvel
Algonquin 12-3
Tunia's Triumph 1-0
Walk Over 2-0
Mr. C. P. Van Tienhoven
Joh. S. Bach 1-0
Tip Top 5-0
Regent 5-0</p> <p>140 Light Pink
Stella Antisdale 3-0
New Zealand Splendor 1-1
Grand Opera 2-2
Corona 5-4
Big Top
Candyheart 9-0
Rima 9-1
Pacemaker
Merry Widow
Ethel Cave Cole 3-0
Legend 2-1
Christabel 3-0
Colossus 2-1</p> <p>142 Deep Pink
Peggy Lou 14-0
California 1-0
Summerwealth
Vista Bonita 1-0
Wings of Song 8-2
Flora Farmer 4-0</p> <p>150 Light Red
Thriller
Dr. A. J. Verhage 2-0
Mammoth Ohio 2-2
Ohio Nonpareil 6-1
Del Ray 3-0</p> | <p>Medium (Decorative)
200 Series (5—3½)</p> <p>212 Deep Yellow
Golden Goddess 5-0
Amberglow 4-0
Mother Kadel 6-2
King Midas 4-0</p> <p>216 Buff
Donna 3-2
Amulet 3-1
Paradise 4-0
Alsace 5-0
Amrita 5-2
Wasaga 2-0
Duna 3-0</p> <p>222 Orange
Acca Laurentia 1-0
Hurricane 2-1
Dazzler
La Fiesta 3-1
Persian Orange 5-0
Betty Nuthall 2-1
Creve Coeur 3-0</p> <p>230 Light Salmon
H. B. Pitt 3-0
Mrs. Jack Peattie
Jeanie 2-0
Glamis 4-0
Carillon 3-1
Don Bradman
Apricot Model 3-0
Beauty Clinic 3-0
Intrepid 6-1</p> <p>232 Deep Salmon
Treasury Gold 1-0
Kildonan 5-0
Margaret Fulton 5-0</p> <p>236 Scarlet
St. Edward 1-0
Mrs. Richard McGovern
9-1
Firefly 5-0</p> <p>240 Light Pink
Greta Garbo 4-0
Star Gazer
Janet Pursell
Rosemarie Pfitzer 3-0
Camellia 3-0
Pink Radiance 6-1
Avalon 3-0
New Era 8-2</p> <p>242 Deep Pink
Frank J. McCoy 5-1
Fascination
Frostpink</p> <p>250 Light Red
Globe Trotter 1-0
Gypsy Lass
Red Phipps 3-1
Rocket 4-2
Recovery 2-0</p> | <p>Small (Sm. Dec.)
300 Series (Under 3½)</p> <p>312 Deep Yellow
Jonquil 1-0
Louis D'Or 1-0</p> <p>316 Buff</p> <p>322 Orange
Bit o' Heaven 11-2
Orange Butterfly 3-1
Olive M. Brown 1-0</p> <p>330 Light Salmon
Zona 3-0</p> <p>332 Deep Salmon
Naida 4-1</p> <p>336 Scarlet
Perky 3-0
Frohsinn
Osage 4-2
Coral Bells</p> <p>340 Light Pink
Vesper Bells 2-0</p> <p>342 Deep Pink</p> <p>350 Light Red
Kewpie 3-0</p> |
|---|---|--|

Note—Picardy won several firsts in most shows, competing with other varieties only for Section and Grand Champion. Since most of its firsts were against itself exclusively, the number of wins had were not based on the above system of comparison.

Large (Exhibition) 100 Series (over 5 inches)	Medium (Decorative) 200 Series (5—3½)	Small (Sm. Dec.) 300 Series (Under 3½)
152 Deep Red Hindenburg's Memo. 9-1 Rodney 1-0 King Click 5-2 Red Charm 3-0 Amer. Commander 2-0 Commander Koehl 7-0 Master Myron 2-0	252 Deep Red Jules Amott 3-0 Armada Gracie Allen 2-2 Melody 4-0	352 Deep Red
154 Black Red Rewi Fallu 9-0 Mohawk 4-2	254 Black Red Black Opal 9-0 Midnight Red 1-0 Black Diamond 1-0 Moorish King 1-0 Malay Chief 1-0 Morocco 2-0 Dr. Hoeg 5-0 Leschi 3-0	354 Black Red Oeganda 2-0 Little Warrior 2-0
160 Light Rose Coutts' Orchid 5-0 Festival Queen Frances Irwin 3-3 Sensation 4-1 Laddie 4-2	260 Light Rose Rosa Van Lima 13-0 Southport Garden of Nations 2-0	360 Light Rose Accolade 1-0
162 Deep Rose H. R. Hancock Exquisite 1-0 Vela 3-0	262 Deep Rose Chamouny 2-1 Leona 2-0 Red Lory 8-3 Diplomat 2-0 Redwin 1-0 Timbuctoo 1-0 Buckeye Rose 4-0 Dream o' Beauty 1-0	363 Deep Rose Crinkles 6-0 Early Rose 4-0 Charming (K) 2-0 Tweedledums 2-0
166 Lavender Minuet 15-0 King Arthur 5-0 Isola Bella 4-0 Jubilee 3-0 Elizabeth the Queen 3-0	266 Lavender Lavender Ruffles 8-1 Gertrude Swenson 1-1 Badger Beauty 0-2 Early Melody 1-0 Colonial Maid 6-2 Reflection 2-1 Hildred 3-0 Lavender Queen 4-0	366 Lavender Queen of Bremen 1-0 The Orchid 1-0
170 Purple Mrs. Mark's Memo. 1-0 Stapleford Takina 4-0 Ramesses 1-0 King Lear 13-2	270 Purple Herbstfreude 1-0 Purple Supreme 6-3 Purple Beauty 1-0 Elanora 3-0 Beverly 3-0 Purple Classic 4-0 Charles Dickens 9-0	370 Purple Gloaming 5-0 Taurus 3-0
176 Light Violet Raysheen 1-0 Blue Triumphator	276 Light Violet Blue Beauty 9-0 Allegro 1-0 Blue Wonder 2-0 Winall 2-0 Milford 2-0 Ave Maria 2-0 Jcs. Haydn 6-0	376 Light Violet
178 Deep Violet Tunia's Blue 2-0	278 Deep Violet Blue Admiral 8-0 Rudolf Serkin 3-0 Pelegrina 2-0	378 Deep Violet Tehema 1-0 Periwinkle 1-0
180 Smoky Tunia's Mahomet 1-1 Misty Dawn 3-3 Flying Fortress 4-3 High Finance 4-3 Chief Multnomah 3-0 Gray Dawn (Both) Bagdad 11-1 Caroline W. Gannett 1-1 Jalna 5-0	280 Smoky Pastel Zuni 4-0 Mother Machree 7-0 Changeable Silk 2-2	380 Smoky
190 Any Other Color R. B. 7-3 King Tan 1-1 Abe 1-0	290 Any Other Color Vagabond Prince 14-4 Sahara 4-0 Copperfield	390 Any Other Color
199 Conspicuous Bicolor Rosalie (B) 3-0 Hinemoa 2-0 Recado 2-4	299 Conspicuous Bicolor Oberbayern 1-0 Beacon 16-3 Excell Bleeding Heart 6-0	399 Conspicuous Bicolor Pinocchio 8-0 Louis Hemon 1-0

IND. SOC. 1941 SYMPOSIUMS

Selections limited to varieties actually grown.

Ten Best Standard Varieties: 1 Picardy. 2 Minuet. 3 Maid of Orleans. 4 Dream O' Beauty. 5 Golden Chimes. 6 Betty Nuthall. 7 Debonair. 8 Red Phipps. 9 Rajah. 10 Miss Bloomington.

Fifteen Best Recent Varieties: 1 Peggy Lou. 2 Beacon. 3 New Era. 4 Coral Glow. 5 Vagabond Prince. 6 Rewi Fallu. 7 Margaret Beaton. 8 Aladdin. 9 Shirley Temple. 10 Blue Admiral. 11 King Lear. 12 Barcarole. 13 Beautiful Ohio. 14 Predominator. 15 Vista Bonita.

SO. AUSTRALIA SOC. (S. A. G. S.)
1940 SYMPOSIUMS

Held at Nov. 16, 1940 annual show:

1 Mrs. E. Both. 2 Harmau. 3 St. Edward. 4 S. A. Errey. 5 Rawhiti. 6 Red Ensign. 7 Rosalie (Burgess). 8 Algonquin.

S. A. G. S. 1940 general popular symposium: 1 Mrs. E. Both. 2 St. Edward. 3 Harmau. 4 Rawhiti. 5 Tunia's Marvel. 6 Blue Wonder. 7 Tunia's Triumph. 8 Golden Chimes. 9 Rosalie (Burgess). 10 Red Ensign. 11 Com. Koehl. 12 Fascination (Both). 13 Marlene. 14 Crystal. 15 Queen Mary. 16 Mrs. Blanden. 17 Col. Wm. Light. 18 Rewi Fallu. 19 Mammoth White. 20 Century Lavender. 21 D. A. Hay. 22 Jhr. Von Tets. 23 Mayflower. 24 Corangamite. 25 Golden Goddess. 26 Shot Silk. 27 Tasman. 28 Rose Dawn. 29 Wings of Song. 30 Sir Geo. Murray. 31 Salbach's Orchid. 32 Mrs. V. J. Stevens. 33 Joh. S. Bach. 34 Harry Periam. 35 Joh. Straus. 36 Algonquin. 37 Jalna. 38 Picardy. 39 Schwaben Girl. 40 Royal Gold.

S. A. G. S. 1940 Symposium by color.

White: 1 Crystal. 2 Jhr. Von Tets. 3 Mammoth White. 4 Tunia's Snowball. 5 Snow Princess.

Yellow and Orange: 1 Golden Goddess. 2 Golden Chimes. 3 Dazzler. 4 S. A. Errey. 5 Regenbogen.

Pinks: 1 Mrs. E. Both. 2 Harmau. 3 Rawhiti. 4 Fascination. 5 D. A. Hay. 6 Marlene. 7 Picardy.

Blues and Mauve: 1 Blue Wonder (a run-away-vote). 2 Centenary Lavender. 3 Salbach's Orchid.

Smoky and any other color: 1 Vagabond Prince. 2 Queen Mary. 3 Jalna. 4 Recado.

We are growing stocks of all the new ones in the above lists not yet released to sale in U. S. and will be free to list them in our 1943 catalog.

GRAND CHAMPION BLOOMS

The Grand Champion Bloom of the Show is, ipso facto, a sweepstakes award to the best spike in the Exhibition, wherever found.

Some (not many) hybridizers and catalogers are very loose in their use of the words "Winners," "Champions," etc. For your own protection, scrutinize these assertions closely and see if the winning is identified to time and place. An honest introducer of new varieties will be reasonably sure to specify rather than generalize or use language intended to deceive.

In recent years many of the larger shows have provision for Com'l. Div. Champions in the Exh., Dec. and Sm. Dec. types, repeating the 3 champions in the Advanced Amateur Div. Topping off these, many shows make further provision for Grand Champion Bloom of the Show. Some shows have provision for Champion Seedling Bloom.

Grand Champions in major shows about the world inside the last seven years follow:

Abe—Wash., '40.

Aladdin—Ind., '38; Yakima and Winnipeg, '39; 2nd Calgary show, '40; East Bay, '41; Md., '42.

Algonquin—Sioux City and Grants Pass, '41.

American Commander—W. Va., '40.

Bagdad—Quebec, G. S., '35; Yakima, '38; Pa., '39.

Beacon—Wash., '38; Wellsville, O., '39; Utah, '41.

Bingo—Waterloo, '42.

Blue Wonder—Tasmania, '41.

Caroline W. Gannett—Empire, '42.

Chamouny—E. Bay, '40.

Colossus—Metro., '39.

Commander Koehl—Regina, '38; Hamilton Dist., '40.

Corona—Blue Ridge (Md.) and 1st Ohio Show, '42.

Crystal—So. Australia G. S., '37; Wyo., '41.

Dazzler—Ohio, '38.

Del Ray—Ill., '38, Nebr., '41.

Elizabeth the Queen—Ames (Ia.), '42.

Ethel Cave Cole—2nd Calgary, '41.

Fata Morgana—West Australia, '41.

Ferdinand's Fancy—Utah, '40.

Festival Queen—Sydney, Austr., '41.

Flagship—C. G. S., '39.

Frank J. McCoy—C. G. S., Ames and Sioux City, '38; Conn. and Saskatoon, '39; Ill., '40.

Gertrude Swenson—Pac. N. W., '41.

Greta Garbo—Wyo., '42.

Harmau—Queensland, '40.

Helen of Troy—Grants Pass, '40.

Heritage—Grants Pass., '39.

High Finance—Mah., '37. (2nd Show)

Hindenburg's Memory—Parramatta, N. S. W., '39.

"For once in my life I had flowers as beautiful as the catalog promised and that is something." 10-5-'42. E. A. T. Otterville, Mo.

- Keystone**—Pa., '40.
King Click—Ohio, '40; S. E. Mich., '41; Pa., '42.
King Midas—Blue Ridge G. S. (Md.), '39.
Larime—Wellsville, '42.
Leona—Md., '41.
Lord Selkirk—Minn., '38, '39; Winnipeg, '40.
Luminosa—Utah (1st show), '39.
Margaret Beaton—E. N. Y. (Rhinebeck) and Ind., '40; Minn., '42.
Marguerite—Wash., '39.
Marseillaise—Wisc., '41.
Maxwellton—Algona, '39.
Melrose—Melbourne, '39.
Milford—Okla., '42.
Miss New Zealand—Sioux City, Omaru, N. Z., Launceston, Tas. (shown with 12 open), N.Z.G.S. (2nd day), and Thunder Bay, all '39. Regina and Wilkie, '40; Wilkie, '41; Wash., '42.
Mother Machree—E. S. G. S., '40; C. G. S., '41.
Mrs. E. Both—So. Austr. G. S., '40.
Mrs. G. G. Errey—Hobart (Tas.) and Malvern (Vic.), '39 and '41.
Myrna—Md., '39; E. N. Y. (N. Y. City), '40; W. Va. and Pa., '41; Winnipeg and Midwest, '42.
New Era—Midwest, '41.
New Zealand Splendor—Lyttleton, N. Z., '39; Mah., '41.
Oregon State—E. N. Y. G. S., '41.
Our Selection—Canterbury (Vic.) and Sandringham (Vic.), '39.
Pacemaker—Mah. (2nd show), '39.
Peggy Lou—Mah. G. S., '37, '38; N.E.G.S. Brockton, East Bay and Wellsville, '38; Mah. (1st show) and Mich., '39; Wisc., '40; Cedar Rapids, '41; Utah, '42.
Pfitzer's Masterpiece—Calgary (1st show), '39; S. E. Mich., '40.
Picardy—N. E. G. S., Wisc., Iowa, Cedar Rapids, 2nd Calgary, all '38; Marion Co. G. S. (Ind.), So. East Mich. G. S., Ames, Mid-South, Wisc. and East Bay, all '39; Iowa, Cedar Rapids, Sioux City, Quebec, Mich., N. E. G. S., all '40; Marion Co., Ind. and E. S. G. S., '41.
Pink Selection—Tasmania (Feb.), '38.
Pirate—Utah, '38.
Pititi—Papanui, '34; Timaru (N. Z.), '39.
Queen Mary—Seddon (Vic.), '39; Minn., '40.
Rapture—Mid-So., '38.
Rangatira—N.Z.G.S. (1st day), '39.
R. B.—Cedar Rapids, '42.
Recovery—Blue Ridge (Md.), Marion County (Ind.), '38; Ill., '39.
Red Lory—Snohomish Co., '39; Maine and Yakima, '41.
Reverie—Utah (2nd show), '39.
Rewi Fallu—Hasting (N. Z.), Wellington (N. Z.), '39; 2nd Ohio, '41.
Rose Defiant—Wellsville, O., '40.
Rosemarie Pfitzer—Calgary (2nd show), '39; 1st Calgary, Edmonton and C. G. S., all '40.
Rosex—2nd N.E.G.S.—Brockton, '38.
Sensation—Hamilton, '41.
Shirley Temple—Eastern N. Y. G. S., '39; Sheboygan, Ill. and N.E.G.S., '41.
Silvery Teton—Marion Co., (Ind.), '40.
Sir Geo. Murray—So. Austr. G. S., '38.
Smiling Maestro—Wash., '41.
Snow Cruiser—Ohio, '41.
Southern Command—Dunedin (N. Z.), '39.
Spitfire—2nd Ohio, '42.
St. Edward—Kensington (So. Australia), '37.
Stella Antisdale—Ohio, '39.
Sunnyside—Box Hill (Vic.); Blackburn, (Vic.) '39.
Tasman—Nelson (N. Z.), '39; Freemantle, W. Austr., '39.
Thriller—Mich., '41.
Tip Top—SW. Va., '41.
Vagabond Prince—Algona, (Ia.), '40; Ames, '41; S. E. Mich., '42.
Vista Bonita—N. E. G. S., '42.
Wings of Song—Iowa, '39; Md., '40; Nebr. and Ia., '42.
Zuni—Grants Pass., '38; Thunder Bay, '40; Regina, '41; Algona and Yakima Valley, '42.

CHAMPION SEEDLING BLOOMS

Following seedling champions were not merely winners in their classes of certain types. They were champion seedlings, all types competing. Not many Prize Schedules make provision for this competition, it being most popular, apparently, in Ohio, Australia and New Zealand.

- California Rose**—(Salbach) East Bay, '39.
Col. Wm. Light (E. Both)—So. Australia G. S., '36.
Crystal (E. Both)—So. Australia G. S., '37.
High Finance (Wilson)—Mah., '37 (was also grand champion.) (2nd Show)
Hurricane (Evans)—Mah., '41.
King Click (Wilson)—Ohio, '40 (was also grand champion).
King William (Schenetsky)—Conn., '37.
Laburnum (Almey)—Midwest, '42.
Larime (Wilson)—Wellsville and 1st Ohio, '42.
Peggy Lou (Wilson)—Pa. G. S., '37; Mah., '37 (also grand champion at latter).
Sir Geo. Murray (E. Both)—So. Austr. G. S., '38 (also grand champion).
Snow Cruiser (Evans)—Ohio, '41 (also grand champion).
Spitfire (Evans)—Ind., '38.
Stella Antisdale (Evans)—Ohio, '39 (also grand champion).
Thriller (Evans)—Mich., '41 (also grand champion).
Tunia's Marvel (E. Both)—So. Austr. G. S., '40.

AT THE 1942 SHOWS

It is difficult to appraise the attitude of the reader respecting reception of data relating our personal winnings at shows, or even that of our customers.

From year to year we have been shortening this discussion. Partly because interest centers chiefly upon what variety won rather than upon who won.

We doubt if any person or gladiolus concern in America has won half as many first awards and special prizes in major glad shows in the last 10 years or more as it has been our good fortune to obtain.

Because of the advantage we have with our stocks of the newest varieties, heretofore used in competition with so many of our own customers, we now minimize our entries in the commercial color spike classes and devote ourselves mostly to Recent Introductions and Seedling Divisions.

First, we visited the **W. Va.** show at Wheeling. Here Harmau and Stella Antisdale repeated their winning performances of the year before. In fact, Harmau, Helen of Troy, Rima, Hindenburg's Memory, D. O. X., Pinocchio and Myrna won in two or more sections. We noticed that a bloom of our 73567 smoky seedling with blue edge won for Mr. Apperson, who had one of several bulbs sent out to test in differing locations.

Several Ohio amateurs, led by Leo Lawrence of East Liverpool, demonstrated again that Ohio society members commonly trek to shows in nearby states and give assistance and able competition to the at-home boys.

Following week to **Wellsville** where many good spikes of Wilson's originations were shown, including Larime, grand champion, King Click and Purple Supreme. Harmau won for Mr. R. C. Bayne of Pa. Harry Beardmore, from nearby Salem, Ohio, won about 25 firsts, a couple of sectional champs, best foreign origination with Hindenburg's Memory, best Canadian with Corona and copped a large segment of the available hardware (cups, medals, vases, pen and pencil set etc.) His spikes were a revelation. Coutts' Orchid blanked out its class, winning 1st, 2nd and 3rd. Other outstanding winners were Vagabond Prince, Midnight Red, Black Diamond, Carillon, Dr. Verhage, Pinocchio and five of the patent varieties.

From there we invaded the gas rationed area and managed to get as far as the **Blue Ridge** Soc. show at Hagerstown. Our tank capacity would not allow us to consider Havre de Grace and we got back to gas by a narrow margin as it was a Sunday return. The show was small but interesting. A fine spike of Corona outpointed Peggy Lou for grand champion. Pandora and Susquehanna appeared to prove close relationship to Picardy.

On our return we stopped in Salem, where Beardmore's sister and mother dazed us with still more magnificent blooms of Crystal (13 open), Hindenburg's Memory and Corona both with 9 open and many, many others equally huge.

Came showtime, **Midwest**, at La Porte, Ind., and I, one of the most rabid show exhibitors I have ever met, was without bloom. Almost a complete sell-out of large bulbs, our help migrated into army and war industry close by in every direction, our hitherto always successful method of hastening bloom dates by hardly covering the bulbs in the trenches frustrated by constant rains and cold nights. Plainly, powerful plants were in the making, but the blooms just had not arrived and the problem was how to face the boys at La Porte without my usual auto load of expected bloom.

Harry Beardmore was a possible solution. We knew he had the blooms and arranged to take him as our guest. So, grand blooms which otherwise would not have gone to any show nestled loosely and comfortably in three egg cans with chicken wire at top and bottom of the cans. We drove at night, as usual, to protect the blooms from excessive heat.

It turned out that Harry's toughest competition was with P. B. Smithett, Harry Plummer and L. H. Esterline, other Ohio amateur members. Every one who entered a bloom or read the names on the blue ribbon entries came away with the realization that these four Ohio members had topped the show.

And with considerable pleasure I tabulated (there I go, tabulating again) my left handed contribution to the show effort to see what Beardmore had hatched out of the three egg cans: 15 firsts, 9 seconds, 1 third, 4 section championships, (best Am. Lge Dec. with McCoy, best Am. Med. Dec. with Gertrude Swenson, best R. I. open Exh. with Titan, Best R. I. Lge Dec. with Myrna) 2 division championships (best Am. entry, all sections with McCoy, best R. I. entry all 4 sec. with Myrna), Most Open with McCoy, Best Ohio Origination with Hurricane and Grand Champion Bloom of the Show with Myrna.

Other winning spikes of particular interest to us were a spike of R. B. with 35-inch flowerhead, one of Grand Opera with florets over 7 inches dia. Four of the patent varieties won 7 firsts. Coutts' Orchid and Diane led their respective colors. Several spikes of Rima came close to champion caliber. Lavender Ruffles, Red Lory, Peggy Lou, Helen of Troy, Beacon, Myrna, Diane, Blue Beauty, Blue Admiral earned three firsts each. Mr. Burroughs, of Deerfield, Ill., set our blue edged smoky seedling 73567 out in front again but we doubt if it could hold its own against Pastel. Harry Plummer, of Columbus, Ohio, garnered most points in the Amateur Division.

At the **Ohio** show, Akron, we continued our habit of amassing the most points in the commercial classes and our own commercial exhibit was over 50 feet long, the largest we have yet attempted. Spikes of Tara and F. J. McCoy were commandeered from this exhibit by the judges for grand champion consideration but neither could quite make the grade against the winning Corona by Esterline, Ohio society president. We entered 26 arrangements, winning most of the commercial arrangement classes.

The average quality of bloom at this show and the second two-day show staged at the Cleveland Garden Center easily outstripped all other shows we have seen (some 100 or more over a 15-year period). Particularly the Garden Center show, where entries were limited to recent introductions and seedlings. Here six awards of merit were issued by the society, two more than the society had previously issued in its total 14 years of existence. Our Spitfire with 9 open, 21 buds, 30-inch flowerhead and high color value topped this list with high score of 88 points, obtained a reaffirmation of Award of Merit and was also grand champion of the show. Tunia's Mahomet followed closely with 84 points and A. M. Other firsts of ours which pleased us most at these Ohio shows were winning entries of Tuts Both, Bobby Dazzler, Stella Antisdale, Snow Cruiser, Snow Ball, Pinocchio, Oberbayern, R. B. Herbstfreude, Misty Dawn and Glamis. Firsts by others of outstanding interest were Helen of Troy, A. M., 84 points, Leona, Candy Heart and Greta Garbo by Beardmore; Donna, A. M., 82 points and most ruffled, Hurricane (Am. sec.), Coutt's Orchid, Redney, Algonquin and Hindenburg's Memory by Esterline; Rima, H. B. Pitt and Crystal by Wells Knierim; Blue Wonder, King of Hearts, Elanora, Perky (9 open) and Hurricane (R. I.) by Smithett; Amulet, Rosa van Lima, Blue Admiral and Amberglow by Bayne of Pa.; Jersey Cream and Diane by Secrest and Wilson's Larime, which was champ seedling. Beardmore is in the army now.

The **Seedling Show** at our farm a week later brought out the usual large crowd of 5-600 and more entries than ever before, again of high quality and bringing Awards of Merit to Purple Supreme, King Click, High Finance and a Lade cream seedling which we entered for scoring.

"As you know I purchased 5 seeds each of many lots. They germinated not less than 4 and thanks to your count many of the lots have 7 and 8 growing." 7-16-42. H. P. M., St. Joseph, Mo.

"I had very good success with the seed I purchased from you 2 years ago, especially with the Harmau cross. The seedlings from this cross are all clear color even though there is quite a range in the colors and the plants all seem to have unusually good vigor. I think your catalog is without doubt the best one issued and checking your ratings against the blooms at the Midwest show proves that." 3-1-42. C. R. H., Quincy, Ill.

INVESTMENT

Buying seemingly expensive bulbs of new introductions of proven merit is an investment seldom given proper consideration. A single medium (half size) bulb, an average from our list, will normally produce a spike approximately 70-80 percent of capability of a large bulb (not just 50 percent) and while doing it grow into a large bulb and produce on an average of 50 sizeable bulblets. In two more years of propagating one may well have 50 large, 200 medium, 500 small bulbs and 7500 bulblets. This expectancy has the earmarks of a good investment. But does it? Not unless two further facts are present. First, if the variety does not prove up to expectation and representation, the investment could be a loss of time and money. Second, and of equal importance, the relation of the quantity bought to the whole amount extant, or extant in America is vital. When you invest \$1000 in a newly formed corporation you use care to ascertain if your \$1000 will net you 51 percent of the stock, or 10 percent or just 1-10th of 1 percent. Whale of a difference, isn't it, though costing the same. Same way with glads. Some introductions have been launched at beginning prices of \$5 to \$10 per bulb with 100,000 or more bulbs already propagated. Many more with little background of proven merit. What chance has your investment to prosper in such cases?

We guarantee that there is not in existence in all America a total of 250 bulbs of all sizes of any one of the 13 varieties we are introducing this year unless it be Gray Dawn which, being a sport, may be in other hands in quantities unknown to us and Flying Fortress, the stocks of which were grown by Wilson.

And we regret that of Mrs. E. Both and Snow Cruiser, seedlings selected more recently than the others, we have only a small fraction of 250 and must necessarily price them higher than the others. We have been unable for the past two years to surmount Australian export restrictions so have been unable to build up our stocks of Both varieties by further imports.

We reserve the right to stop sales of these 13 varieties when half of the stocks are sold.

"Twice I have asked you to select bulbs and varieties capable of grand championships. Twice you have done so and many thanks. Taken ill on way to Midwest show, I returned home. But next day I carted same blooms to Cedar Rapids show. 3 of 11 spikes had to be discarded but the other 8 were entered and all won firsts including amateur champion, reserve champion and grand champion. On arrival home found spikes of King of Hearts, Corona, Glamis, Grand Opera and Festival Queen which beggared description. Even my wildest imagination never conjured up such huge blooms and just think, 2 weeks before a baby tornado ripped through here and mowed every glad down, tore out some by roots, of course, breaking many roots. Had to replant and stake a whole day. What other flower could take punishment like that and then win Grand Champion?" 8-21-42. Mrs. E. F., Bellevue, Ia.

CANDID COMPARISONS

(at random)

With more bulbs of Harmau and Stella Antisdale at large this year, we expect their recognition as among the world's best glads by all who see them.

The patent glads have proven their worth for exhibition in the stiffest possible competition.

Our glads are 100% free of mosaic and fusarium.

Our business is growing by leaps and bounds. Our ability to answer correspondence on relatively unessential subjects has almost reached the vanishing point. We pack our booklet with many pages of answers to many questions we get nevertheless. Every question vital to the selection and growing of good glads we think we have already answered somewhere in this booklet. If you seek and find a formula for some treatment of bulb or plant, read it all carefully. Not a word or sentence is surplus verbiage. We couldn't afford the room.

In an unguarded moment last February we took on the non-lucrative, volunteer job of chairman of our local ration board. The board has now expanded to cover nine towns, suburbs of Cleveland and, to illustrate, the recent gasoline rationing for a month almost stopped all activity on our own behalf, further narrowing our time for correspondence, preparation of catalog, etc.

No longer are we able to delegate to others, even at double recently going wage scales, all the detail and manual work we hitherto were able to sidestep for here in the center of a vast war industrial area both farm and horticultural labor has disappeared.

Horticultural costs have gone up and will go higher. Paper and printing and cartons, too. But, except the so-called standards our prices are down. Just a bit dumb, to put it mildly?

A grower-cataloger of bulbs has certain inescapable costs: planting stock, use of land, its preparation, planting, cultivating, digging, hauling, curing, cleaning, grading, storage quarters, fumigating or other processes to combat insects and bulb diseases, advertising of one form or another, catalogs, postage, packing and shipping. There may be additional items of overhead such as clerical, irrigation, spraying, etc.

Picardy has passed its peak. Probably we are the first cataloger to discard it. We have a few left and will dispose of them at last year's prices, but there are not enough to warrant listing. If you want substantial lots they may easily be secured elsewhere. We offer H. B. Pitt in the Picardy color group without need of apology. Along with Picardy other reputable "standards" slip less ostentatiously from our list to make way for improved varieties in their respective color classes.

SIZE OF BULB TO BUY

If economy be the aim, do not rely on small bulbs to give wholly satisfactory blooms. The small bulbs will all bloom but medium bulbs almost always give far better than "medium" sized spikes of the given variety. Our descriptions usually indicate whether or not the variety is an exceptionally fine producer of blooms from the smaller sizes.

A number of varieties either have come into sufficient world production to warrant low price for large bulbs or bloom so unsatisfactorily from medium size bulbs that, for the protection of our customer, we omit the smaller sizes from our pricing. Likely, we have them if you insist but we recommend only the sizes offered.

Commercially, bulbs are graded into 6 sizes. Size 6 is under $\frac{1}{2}$ inch diameter and other sizes range up every $\frac{1}{4}$ inch, the Number 1 bulb being $1\frac{1}{2}$ inch up. Catalogs commonly offer bulbs as L (large) sizes 1 and 2) ($1\frac{1}{4}$ inch up); M (medium) (sizes 3 and 4) ($\frac{3}{4}$ to $1\frac{1}{4}$ inch); S (small) (sizes 5 and 6) ($\frac{1}{4}$ to $\frac{3}{4}$ inch) and Blts (bulblets, the little hard shelled cornels which cling at the roots of the bulb).

The size (bulk) of bulb you purchase determines the amount of food with which you are starting to produce a given spike.

TERMS OF SALE

Cash with order.

Delivery prepaid in U. S. Gladiolus shipments in February, March and April, or as soon as possible on orders arriving thereafter.

Replacement or refund purchase price any bulb, root, plant or seed that does not prove true to name or does not arrive in condition herein represented. Bulblet germination is not guaranteed.

No substitutions will be made.

Orders received until planting but subject to stock being unsold. To get proper propagation of new sorts, it does not pay us to hold for further sale bulbs and blts priced only per each beyond May 1st. Order early. Our selling season is very short.

Notice to Canadian Customers: Presumably for the duration you will be able to continue making occasional (several months apart) small orders for bulbs costing "less than" 5 Canadian Dollars. Apply to the Secretary of Destructive Insect & Pest Act Advisory Board, Dept. of Agriculture, Ottawa, Ont., for permit and mailing label.

Delivery prepaid to foreign countries in the Postal Union having the usual 14c per pound rate, provided war restrictions of one kind or another does not bar such delivery except that purchases at 100 rate prices should add at rate 50c per 100 for large bulbs and 20c per 100 for medium sized bulbs.

CASH DISCOUNTS

Cash discounts are applicable only to orders accompanied by cash in full.

Upon orders of \$5.00 up—only if received before Mar. 1st—5%

Upon orders of \$15.00 up—only if received before Mar. 1st—10%

These discounts do not apply to wholesale quotations, patented varieties, current 1943 introductions and releases (as is common practice in the gladiolus industry) or to hybridized seed. All such will be marked "Net" (i. e., no discount). For various reasons, varieties marked "Net" cannot be used as extras. So please exclude them from any list you may submit from which we may give as extras.

In addition, for retail orders from this catalog of \$25.00 net cash and up, you will receive free your choice of gladiolus society membership which will not cost us more than \$2.15 or one of the improved, mounted Fischer Color Charts. See page 30.

Heretofore, we have granted extra bulbs approximating the above cash discounts. However, we shall still continue, to some extent, to supply extras by overcount, oversizing or by varieties other than those ordered. (See space on order sheet to designate your wishes.) The reason for the March 1st time limit on the extra discount is this: For some years our orders have come piling in to a peak around the middle of the bulb delivery season, utterly swamping us and in some instances causing regrettable delay even on rush orders. Early orders permit a better spread of the delivery and office work. We must alter this situation, even if it costs us substantial money.

If your inquiry for catalog comes too late to get the special before—Mar. 1st discount, please do not ask for it as the reason for its existence has terminated. We send catalogs 2 years to inquirers, longer to customers of course, so you can be in plenty time another year.

OUR KEY SYSTEM A GREAT AID TO SELECTION

Varities are grouped by color classification for your convenience of comparison and selection.

Varities are critically described. Naturally, in a list such as this, consequential faults are few, nevertheless, attention is called to them. Show dates and references are to *first prizes* only. Room to mention but few. Symposium ratings refer only to those last published.

For thirteen years our variety descriptions have been praised generously, for the accurate visualization of the size of individual floret, the number open at one time, the total bud length of the flower spike, the prominence of markings, etc., made possible by the use of stars, daggers and other hieroglyphics.

We will tell you the size florets to expect, a * indicating large florets $4\frac{1}{2}$ to $5\frac{1}{2}$ inches diameter, ** indicating $5\frac{1}{2}$ to 6 inches and *** indicating extreme size 6 to 8 inches.

We explain the relative quantity of marking, + indicating with *obvious* markings, i.e., so evident as to arrest attention and — indicating without *obvious* marking.

We do not list varieties incapable of holding five florets open at one time. There are thousands of such varieties. We employ † to indicate many open (6-8) and †† to indicate an extreme number (9-16). If the total of open florets and buds make an unusually long spike, we indicate with a double dagger †† (15-18) and extreme ††† (19-30).

We furnish the approximate blooming dates of varieties in this locality, checked to the best of our ability from experience of many years. Number after name indicates days from planting to blooming of large size bulb (L). Medium size (M) usually seven to ten days later. Dates not guaranteed since subject to change by excessive heat, moisture, drought, differing soil fertility and other conditions.

Abbreviations: L large bulb $1\frac{1}{4}$ in. up. M medium size bulb $\frac{3}{4}$ - $1\frac{1}{4}$ S. small bulb $\frac{3}{8}$ - $\frac{3}{4}$. Blts. bullets, Exh., Exhibition Type. Dec., Decorative Type. Sm. Dec., Small Decorative Type. A. G. S. American Gladiolus Society. Ohio, Ohio Gladiolus Society. Mah., Mahoning Gladiolus Society. C. G. S. (Canadian). B. G. S. (British). E. Bay (California G. S.). San Leandro (The Largest flower show on western coast). A. M., Award of Merit. F. C. C., First Class Certificate. (Am), Amateur. Com., Commercial.

"I rec'd your catalog and have been going through it carefully and one thing struck me quite forcefully. That was that the varieties you offer today are the future prizewinners of tomorrow. Many times I pick up old catalogs and back issues of the N. E. G. S. yearbooks, when I read the claim of some grower about some new variety to see how his predictions of former years have turned out. And I think a lot of other people are doing the same thing and I can imagine them saying, Well, Evans ranks about tops in his predictions. For, after all, what a man claims about a variety today has to be judged by what he had claimed in the past." 2-7-40. J. E. D., Freehold, N. J.

"While in Customs getting the lot of bulbs from you I met our Canadian Inspector and he told me that the lot I was in for (your shipment) was as fine a lot as he had ever examined and every corn a perfect one in being absolutely free from defect, thrips or disease of any kind. That was getting real value for my money, particularly in view of the fact that your overcount and extras more than made up for the exchange, duty and express incurred." 5-26-40. J. W. McL., Ottawa Ont.

GROW SOME GLADIOLUS SEED

All glad fans should try some gladiolus seed. Most advanced amateurs already do attempt some hybridizing with their newest varieties or most favored colors. Gladiolus seed broadcast or planted thickly in close rows, covered about $\frac{3}{4}$ inch, kept on moist side and with at least partial shade, commonly produces bulbs $\frac{1}{2}$ to $\frac{3}{4}$ inches diameter the first crop. Most of these bloom the second year and selections may be made on color values, the bulb selected and its bulblets thereafter grown under number pending full performance from a large bulb.

All modern varieties were so produced, either from field collected or hand hybridized seed. Our seed offerings are genuinely hand hybridized. Literally hundreds watched us hybridizing our glads at the peak of our blooming season. Most of the pollen used was taken from protected florets opened indoors. Both Dr. Masek, past president of the Ohio Society and Lee Patton, its present executive chairman, helped. We made more crosses, with more duplicates but early light frosts damaged so many immature pods that our offerings are very sharply reduced.

No two seeds, even from the same cross and pod, produced flowers just alike, though they are likely to favor parent characteristics.

With about the most exclusive collection of "world beaters" to be found in the U. S., we have excellent opportunity to produce intriguing crosses, which in turn should rather consistently produce some seedlings above the average run of good standard varieties in each color class. They do for us. Witness that in 1941, in addition to quite a few blue ribbons, our seedlings won champion seedling award at W. Va., Ohio and Mich., two American Home Achievement Medals (W. Va. and Mich.) and two grand champion blooms of the show (Ohio state and Mich. state). The seed has equal chance to produce some good ones for you as what we plant is the unsold seed.

The only trouble is that we are as likely as not to part with some outstanding sorts worthy of introduction as a named variety. That may be your luck. If you grow such from our seed we should like first opportunity to introduce them for you.

It might be advisable to let you know that it is the custom in the gladiolus industry that the person who grows and segregates the seedling bulb is given the credit of being the "originator" of the variety if it is named and introduced—not necessarily the person who made the actual cross. If a lot of new "originators" do not appear in four to five years as the net result of our offering these select crosses we will be greatly surprised.

Permitting seed to set decimates bulblet production. Likely we sacrifice bulblets on rare new sorts to an extent that seed sales at these prices cannot remotely compensate us for this loss. Perhaps contribution to variety improvement will be our only compensation.

Try your luck and skill in selection of parents. Depending on stocks available we will try to be very liberal.

How to order. Order in units of 5 (minimum), 10, 15 or 20 (maximum) seeds of a given cross. The seed bearing parent is the first variety mentioned. Canadian and other foreign customers do not have to secure a permit to import seeds. Crosses are identified by number for your and our convenience. Order by number (as "5 seeds No. 451—\$.15"). Seed prices are Net (no discount).

GROUP A. SEEDS 3c EACH, NET

- 451 73395 (** yellow) x Big Top
- 452 Acca Laurentia x Bobby Dazzler
- 453 Acca Laurentia x Golden Galleon
- 454 Bobby Dazzler x Elanora
- 455 Dazzler x Cream Seedling (Lade)
- 456 Globe Trotter x Harmau
- 457 Harmau x Snow Cruiser
- 458 K & M Triumph x Spitfire
- 459 King William x Lord Selkirk
- 460 Marguerite x King William
- 461 Mrs. Mark's Memory x Spitfire
- 462 Red Charm x Snow Ball
- 463 Silentium x King William
- 464 Stella Antisdale x Golden Galleon

GROUP B. SEEDS 4c EACH, NET

- 465 Armada x Herbstfreude
- 466 Bobby Dazzler x Tuts Both (lt. orange)
- 467 California Rose x Courtts' Orchid
- 468 Elanora x Snow Cruiser
- 469 Helen of Troy x June Bride
- 470 Maurrie Trevan (bl. red) x Thriller

- 471 Oberbayern x Crystal
- 472 Pastel x 73395 (** yellow)
- 473 Spitfire x June Bride
- 474 Tunia's Mahomet x Spitfire

GROUP C. SEEDS 5c EACH, NET

- 475 73395 (** yellow) x Hurricane
- 476 Acca Laurentia x Frohsinn
- 477 Acca L. x Pfitzer's Masterpiece
- 478 Bobby Dazzler x Snow Cruiser
- 479 Dazzler x Snow Cruiser
- 480 Harmau x Leading Lady
- 481 King William x Stella Antisdale
- 482 King William x Tunia's Marvel
- 483 Lade's Cream seedling x Harmau
- 484 Margaret Beaton x Harmau
- 485 Oberbayern x Snow Cruiser
- 486 Red Charm x Snow Cruiser
- 487 Silentium x Stella Antisdale
- 488 Snow Ball x Pinocchio
- 489 Snow Cruiser x Bobby Dazzler
- 490 Snow Cruiser x June Bride
- 491 Tunia's Mahomet x Hurricane

OUR 1943 INTRODUCTIONS

FLYING FORTRESS (Wilson-Evans) 93 (days) *** + ††† Exh. The very first spike we saw, at Mahoning Soc. show, '40, satisfied us that it qualified for inclusion in our list when introduced. Later study corroborated. An extremely large, round floret, 8 and more open, extra well supplied with buds. Color a lavender toned smoky of satisfactory color value. Won a first at Ohio, exh. section champ seedling at Wellsville, winner of American Home Achievement Medal at S. E. Mich. and champion seedling at Pa., all '42. Each **M** (medium) \$2.50 **S** (small) \$1.00 **Bulblets** each .40; 15 for \$4.00 Net.

SNOW CRUISER (Evans) 78 *** — ††† Exh. Com. An immense, super giant, with round smooth florets an inch or more larger than those of Crystal. Pure white without any marking, with a slight blending towards pale cream deep in the throat. A spike entered in the seedling section, Ohio, '41, notwithstanding only 4½ florets had opened at time of judging, nevertheless was such a giant in bulk of open bloom, such immaculate, pure color, that it won (1) best white exh. seedling, (2) section champ. exh. seedling, (3) N. E. G. S. Rosette for best exh. sdg., (4) Champion Seedling all types (5) Evans Champion Sdlg. Trophy, (6) Grand Champion of the Show, (7) O. S. G. S. Grand Champion Trophy. Snow Cruiser was chosen from among the finest group of section champions we have ever seen collected for selection of a grand champion. Most had many more open, one spike of Grand Opera had 7 open, all over 7 inches dia., but the four giant florets of Snow Cruiser were not to be denied. The quantity of stock so far propagated hardly warrants introduction at this time but its general growing habits appear so good we are risking an early introduction. Each **L** \$30.00 **M** \$20.00 **S** \$10.00 **Blts** each \$2.00 Net.

STAR GAZER (Evans) 82 * — ††† Dec. Com. Semi-upright type. A seedling of Magna Blanca with Merry Widow the pollen parent. Clear, pale, very light pink, practically speaking bluish white. Unmarked except for one very narrow line of cherry on lip petals. Beautiful florets, strongly recurved, are firmly placed in a semi-upright position, making a long, step-ladder type flowerhead on a stiff, wiry stem. This is the largest of the so-called "upright" type glad within our knowledge. Bloom is very lasting, opens well to the tip and appears to have very satisfactory cut flower qualities in every respect. Each **L** \$3.00 **M** \$2.00 **Blts** each .25 Net.

THRILLER (Evans) 90 * + ††† Exh. Color is red with medium sized blotch of clean, creamy yellow. On Fischer Color Chart the color is intermediate but closer to R4 than to OR3. Perhaps it is too tall for a commercial but another year of growing may supply that answer. Makes very long, decorative flowerheads, 8 or more open. Exhibited at Mich. State Soc. show, '41, it was best exh. seedling, Champion seedling and Grand Champion Bloom of the Show, winning the President's Cup and rating 85½ points for top score in the show and receiving the society's Certif. of Commendation. Each **L** \$3.00 **M** \$2.00 **S** \$1.00 **Blts** .25 Net.

OUR 1943 IMPORT RELEASES

GRAY DAWN (Both) 95 *** — ††† Exh. A medium light gray sport of the variety Jalna, which also feathers its color but we believe the color effect of Gray Dawn will please more critics than has Jalna. Each **L** \$2.00 **M** \$1.50 **S** \$1.00 **Blts** .15 Net.

H. R. HANCOCK (Both) 80 ** + ††† Exh. Com. Difficult to place on Fisher Color Chart. A point somewhere between R4-R5 and VR5. Clear, deep cherry rose with clear, creamy white throat. Very clean colors. Perfect, double row placement of 5-inch florets even from No. 6 small bulbs. 8-11 open, balance of buds in color. Attachment of florets very good, stem wiry and strong. 50 inches tall. Substance excellent. Cut in bud, opens well with large florets at tip. A wonderful break in color values and a rare "find" for the commercial cut flower man as it is a prolific propagator, as well. Award of Merit, So. Austr. G. S., '41. Each **L** \$5.00 **M** \$3.00 **Blts** .50 Net.

MARLENE BOTH (Both) 80 ** — ††† Com. A glorious, delicate, light salmon pink with perfectly blended deep, creamy buff throat. A beautiful, ruffled giant with outstanding decorative and commercial qualities. Named for the young lady in the illustration page 36. Each **L** \$5.00 **M** \$3.50 **Blts** .50 Net.

MRS. BLANDEN (Both) 83 ** — ††† Com. Color rather hard to describe. Perhaps an orange pink. Perhaps pinkish buff. Cream throat. Anyway, it is extraordinarily beautiful and well ruffled and appears to have very good commercial qualities. Florets are about 6 inches dia. Each **L** \$3.00 **M** \$2.00 **Blts** .30 Net.

MRS. E. BOTH (Both) 92 *** + †††† Exh. The most sensational super exhibition glad ever sent out from Australia, where it received the first First Class Certificate ever issued by the S. A. G. S., '40, with a score of 95, the highest score ever awarded any glad in Australia. A perfect color blend of clear, light orange pink with harmonizing, clear, deep cream throat. Florets round petaled, wide open, up to 7½ inches dia., rigidly held in a 34-42 inch flower-head. 9-12 open, 24-26 buds, making the largest bulk of bloom yet produced on one spike. Only Tunia's Marvel and Tunia's Mahomet have thus far produced spikes within comparable range. Stock is exceedingly scarce and further import is probably impossible for the duration. Sec. champ S. A. G. S., '37 and Grand Champion in '40. Leading variety in the show symposium, S. A. G. S., '40. See illustration page 36. Each **L** \$30.00 **Blts** each \$3.25 Net.

MRS. JACK PEATTIE (Both) 84 * — ††† Com. A light autumn pink which might be described as being a light orange salmon pink with a deep scarlet blotch on a gold base, a very harmonizing color make-up. Very beautifully ruffled. Florets 4½-5 inches. Makes a fine, tall, commercial spike with florets rigidly held. Its autumn colors, heavy ruffling at edges and general good cut flower habits presage a popular reception for this variety. Award of Merit, S. A. G. S., '40. Each **L** \$2.50 **M** \$1.50 **Blts** .25 Net.

TUNIA'S MAHOMET (Both) 75 *** — ††† Exh. Com. Here we have a depth of color not heretofore reached in the smokies. Very deep, velvety smoky plum rose with orange scarlet in the throat. The depth of color is so great that the orange scarlet throat mark could hardly be called a prominent or conspicuous marking. We are so intrigued by the color value of this smoky that we say without hesitation that it is the most beautiful smoky we have ever seen "by a mile." Down in Hobart, Tasmania, where glads are very popular and a large society has long conducted annual exhibitions, in 1941 declared Tunia's Mahomet the COLOR CHAMPION of the show, thus making Tunia's Mahomet the first COLOR CHAMPION to be selected. This would seem to be enough to start out a variety upon a prosperous career but the description is hardly begun for this stunning variety easily produces 8-inch florets, will open 8 as well, with the upper open florets as large as the bottom one. Makes, tall, self supporting flowerheads from 30-42 inches long, a perfect exhibition type with florets in full double row, a perfect outline on a tremendous spike. Its habits are consistent and reliable and we believe that its very early blooming date and excellent propagating ability and its proven ability to not only make saleable spikes from small sizes but to make astounding spikes with 14 buds, 6 open, 7¼ inch florets from bulblet grown in the open will shortly make it one of the most popular varieties in existence. (See page 10, '42 catalog for detail on bulblet blooms). First Class Certif., S. A. G. S., '40. Award of Merit, Ohio, '42. See illustration both front and back covers. Each **L** \$4.00 **M** \$3.00 **S** \$2.00 **Blts** .30 (4 for \$1.00) Net.

TUNIA'S MARVEL (Both) 88 *** + †††† Exh. Somewhat lighter than Tunia's Triumph and even more metallic. Has a prominent light blue violet stripe on lip petal. Just as large (7 inches) but easily 9-10 open on 20 bud spikes which can be frequently cut with 2 ft. stems and 3 ft. flowerheads. Between OR3 and OR4 on Fischer Color Chart, scarlet but very metallic. Champion Seedling and Reserve Champion (runner up to grand champion) A. S. G. S., '40. Each **L** \$5.00 **M** \$3.50 **Blts** .50 Net.

TUTS BOTH (Both) 80 ** + ††† Exh. Com. Deep pastel orange. Between 03 and 04 on Fischer Color Chart. Not enough red to be called red orange. Has a small blue tongue, a color rarely found in glads in combination with orange. Huge, wide open florets held rigidly on tall and strong spikes which are truly magnificent. Heavy propagator. Our 1st in R. I. orange class, Ohio, '42. **L** or **M** each \$5.00 **Blts** .50 Net.

ANNOUNCEMENT EXTRAORDINARY CONCERNING THE WORLD FAMOUS TUNIA EXHIBITION STRAIN

We are pleased to advise our customers that we have entered into an exclusive arrangement with E. Both, world famous hybridizer of Adelaide, South Australia, whereby we are permitted to purchase stocks of his seedlings intended for introduction, a year before public release. We thus have stocks, grown here two years, fully acclimated and under U. S. release a year before normally possible. Importers, growers and catalogers will readily see the several advantages of such opportunity of purchase.

Mr. Both's varieties of recent years have proved sensational, particularly Tunia's Triumph, Crystal, Harmau and St. Edward. Some new ones we are growing will prove even more sensational. Take another peek at that picture on the back cover.

ANNOUNCEMENT CONCERNING VARIETY "COUTTS' ORCHID"

By arrangement with Mr. Coutts we are the sole Importer and Distributor to U. S. purchasers of stocks of his sensational new variety, "Coutts' Orchid."

WHITE—00 Series

CRYSTAL (E. Both) 75 days ***—†††† Exh. and Commercial giant of giants. Pure white without any marking. Florets $6\frac{1}{2}$ - $7\frac{1}{2}$ inches. 11-16 open (has held several more). Florets open wide and flat, have heavy substance and open up the stem very quickly. Stem is exceptionally wiry and strong. Foliage is abundant and very wide. Makes exceptionally fine looking bulbs and a fairly good quantity of large bulblets that germinate easily and grow well. Not a good bloomer from the smaller sizes but makes up for that plenty from large bulbs, be they young, old or even old divisions. Was both seedling champion and grand champion S. Austr. Glad Soc. '37, scoring 90 a new high up to that time. We won with it in color classes Midwest, Mich. and S. E. Mich. and it was grand champion, Wyo., all '41. Received British Award of Merit in '39. Each L (large) \$.30 M .20, Blts (100, \$3.00).

"The Crystal bulb I got from you in the spring did fine for me, giving me 16 florets all well open, the first one measuring 6 inches across. I made 5 crosses on it getting big, plump seeds. Also about 60 blts." 11-26-40. J. W. B., Newmarket, Ont.

LORD SELKIRK (Twomey) 94 *—†††† Commercial. Clear milk white with unmarked creamy white throat. Makes a tall, strong plant, blooming well from medium size bulbs. $4\frac{1}{2}$ -5 inch florets, 11 or more open, about 25 buds. Propagation fair only with us. Was grand champion Minn., '38 and '39 also Winnipeg, '40. Each L \$.50 M .35 Blts. .05.

MAID OF ORLEANS 84 *—†† Dec. Milky white, light cream throat. First class cut flower habits. The best white in the low price field. Five awards of Merit abroad and wins almost numberless blue ribbons here. L .06 (100, 4.00)

MARGARET BEATON (Twomey) 94 **—††† A beauty. Ivory white with small orange scarlet blotch. Tall, well formed spike. So beautiful that it has jumped into popularity and a slight tendency to weakness of stem under extreme temperatures deters no one from wanting it, once seen. We recorded 27 firsts won about the country in '41. See Tabulation of Winners for 1942. L \$.10 M .07 Blts (100, .40).

MATTERHORN 94 ***—††† Exh. Pure white, slight cream in throat. Buds have a greenish cast. This variety sounds the knell for Mammoth White, for it has similar round florets of about same or larger size, a bit closer to pure white, flowerheads as big, substance and strength of spike beyond comparison. We were first to win with it in U. S., at Ind., '38. It won at Ohio, Midwest and Wash., '41. L .12 M .08 Blts (100, .60).

MYRNA (Pruitt) 76 **—††† Commercial. Ivory white. Ruffled. About half way between Maid of Orleans and Mary Elizabeth, its parents, but larger florets and 7-10 open. We had one spike open 11 in the field. Positively wonderful cut flower habits. British A. M., '39. Getting its share of grand championships.

Won more special awards in the shows, '42, than any other variety. See Tabulation of '42 Winners. L .09 M .06 (100, \$4.80) Blts (100, .40).

SILENTIUM (Pfizer) 80 *—††† Dec. Com. A striking and elegant white glad, blending to a cream center containing a small carmine marking. Slender stems, excellent placement with regularity, grand cut flower habits, fine blooms from the smaller sized bulbs and a good propagator. Surely headed for world wide fame as a cut flower. We broke the ice for it in U. S. with 2 firsts at S. E. Mich., '40. We consider it the equal of Margaret Beaton in beauty and far superior as a cut flower. L .30 M .20 S .10 Blts (100, \$1.50)

SNOW CRUISER (Evans) See page 14

SUB DEB (Evans) (62922) Sm. Dec. Commercial. 65 days. White without marking. Much whiter than the variety White Butterfly, possibly taller and more open, as well. Small florets, 2-3 inches, slightly hooded, well spaced, 5-8 open, limber but wiry stem. Easy grower, fast propagator, blooms exceptionally well from smaller sizes. Considerable show background evidences its increasing popularity. British A. M., '39. Grow quantities of various size bulbs and be agreeably surprised. M .07 S .03 Blts (100, .30).

CREAM—06 Series

JERSEY CREAM (Evans) 78 *—†† Dec. Aptly named. Smooth, rich, deep cream. The only deep cream with perfect cut flower habits. Florets average 5 inches, 8 or more open, 16-18 bud, 50 inches tall. Good propagator and makes exceptionally fine blooms from M and S bulbs. Substance excellent. Cut flower blooms well to the tip. These traits, coupled with the unusual color value and beautifully decorative form make the florists' dream of a clear, deep cream, usable in all stages of bulb growth, come true. In several years of growing we have been unable to discover any faults to mar this wonderful record. Fine reports from far and wide. Best Ohio origination and our special award for best handle basket, Ohio and Dec. section champion, Mich., all '41. L .06 (100, 4.00) M .04 (100, 2.75). Blts (100, 20)

SHIRLEY TEMPLE 100 ***—††† Exh. Light cream, approaching white. Vivid throat mark of rich cream. Florets creased and ruffled, leathery texture, averaging larger than Picardy and blooms from bulbets have measured over 6½ inches. 6-8 open 18 to 20 bud, 5-6 ft. tall, well foliaged, excellent propagator, blooms out remarkably when cut. If you plan to bloom out on the plant spikes from large bulbs in hottest weather, we suggest staking to play safe. Slate cleared for latest records. 1sts Grants Pass, Ill., Iowa., Wash., Wellsville, O. and our 1st, Ohio and Sec. Champ Cedar Rapids, all '40. 20 firsts and 3 grand championships including N. E. G. S., '41. L .07 (100, 4.00). Blts (100, .20).

YELLOW—12 Series

AMBERGLOW 77 *—†† Dec. Soft, but brilliant, clear unmarked amber yellow. Its color value at once removes it from the commonplace. Its good points far outrank the occasional crooking in extreme hot weather. We won with it at Ohio and Wisc., '41. At latter show our 3 spike entry drew the attention of all. Other wins noted at Ohio, Ind., and Wash., '41. L .10 M .07 Blts (100, .40).

DOX (Pfützer) 90 *—†† Exh. Com. A clear light amber yellow, lip petals golden sulphur. Tall, strong growth and rather large floret. A.M., Haarlem, B.G.S., '37. Grants Pass, '39. C.G.S., '40. Stock is limited. L .15 M .10 Blts (100, 1.00).

GOLDEN GODDESS Withdrawn for propagation. Together with 3 national seed houses and a few gladiolus growers, we are licensed by the Patentee, Carl Salbach, to sell the patented sorts. Bulbs will be supplied only upon the express condition that they can be grown for the personal enjoyment of purchaser, but that no bulb or bulbet stock may be resold, leased, given away or in any way transferred without the written consent of the Patentee.

JIM HOLLAND (Both) 110 *—††† Dec. Com. The color of this new sport of Betty Nuthall with us is definitely clear light yellow with the regular Betty Nuthall throat scratches. The color is much closer to true yellow than that of Betsy Bob Up and entirely lacks the pink combination of the latter. The clarity of yellow color, coupled with Nuthall growth and propagation habits are bound to point this new glad into show and commercial paths. Judged "Best Australian Commercial Variety," S.A.G.S., '39. Our firsts, Ohio, '40 and both Ohio and Wisc., '41. L .30 M .20 S .10 Blts (100, 2.00).

SIR GALAHAD (Salbach) 95 **—†† Exh. Patented. Soft, rich, clear creamy yellow with a diamond shaped blotch of rich crimson, in beautiful contrast. Words fail us to describe its unusual beauty. Six 6 inch florets wide open, a bit recurved, 18 bud. Tall, strong spikes with long flowerhead. Patent restrictions same as specified in description of Golden Goddess. Our 1st, S. E. Mich., '40. In '41 it won at Ohio, Ind., SW. Va., and East Bay. Also for us at Mich. and Wisc., where our 3 spikes almost without doubt attracted more interest than any other entry in the show. Judging from the great interest shown by visitors to our fields, this will be one of our "best sellers." See patent collection prices at end of variety list. R. I. Section Champ, N. E. G. S., '42.

	per ea.	12	100
Large.....	.25	\$2.20	\$17.50
Medium.....	.20	1.85	15.00

Prices are Net.

"Sir Galahad is really a beauty in a class all its own."
12-3-41. B. F. P., Roanoke, Va.

BUFF—16 Series

AMULET 93 *—†† Dec. Clear capucine orange buff. Heavily ruffled. Has a peachy tone not found in Wasaga. Both Amrita and Amulet are Picardy X Wasaga crosses, probably from the same pod. We feel certain that Amulet is the more desirable of the two. A.M., C.G.S., '36, A.M. Metro., '37. Ill., Wash. and sec. champ E. N. Y., '40. A first at Mich. and our 1st at S. E. Mich., '41. L .08 (100, 5.00) M .05 (100, 3.50) Blts (100, .30).

DONNA (Pruitt) 70—†† Dec. Com. Golden buff, well ruffled. Color much as Wasaga but much stretchier spikes, taller, with more open. Earliness, good growing habits and free bloom from small sizes warrant your serious consideration. We broke the ice for this new one, winning at S. E. Mich., '40. Firsts at Wisc. and Grants Pass and we won with it again at the 2nd Ohio show, all '41. First year at reasonable price. L .20 M .15 S .10 Blts (100, 2.00).

HELEN OF TROY (Salbach) 88 ***—††† Exh. Patented. Larger than Miss America and almost as large as King of Hearts. A beautiful apricot not far from the golden buff of Wasaga with slight shadings of pink and a sort of brownish blotch. Florets wide open, consistently 6½-8 inches diameter, 6-8 open, 19 buds, 27 inch flowerhead, close to 60 inches tall. Always straight. This variety is going to win some grand championships as soon as it gets around to the shows. Patented

Bulbs priced per each. 12 sold at 10 rate. 6 at 5 rate. 25 at 100 rate.

Blts any amount at rate offered. Delivered Prepaid in U. S.

restrictions same as specified in description of Golden Goddess. Wellsville, O., both shows, E.N.Y., our sec. champ Mich., largest floret and grand champion Grants Pass., all '40. Above is a carry-over description. In 1941, largely by our customers (or ourselves), firsts were had at W. Va., Midwest, Ohio, Wash., Conn., Wellsville, Pa., Sioux City, Sheboygan, E. S. G. S. and SW Va. It secured 4 firsts at Canadian show and we won with it at Wisc., Mich., Ohio and S. E. Mich. where our entry then became section champion and then Reserve Champion (runner up for grand champion), all '41. See patent collection prices at end of variety list. Award of Merit, Ohio '42.

	per ea.	12	100
Large.....	.25	\$2.20	\$17.50
Medium.....	.20	1.85	15.00

Prices are Net.

MRS. BLANDEN (Both) See Page 14

ORANGE—22 Series

(Incl. yellow orange and red orange)

ACCA LAURENTIA (Holland) 70 *—†† Dec. Clean, soft orange, inconspicuously marked deeper in throat. Color does not fleck or burn. Slightly hooded. For 3 years we have studied this for flaws from point of view of cut flower use without finding any. Stocks limited and not more than half will be allowed to be sold. L .50 M .30 S .15 Blts .05.

BOBBY DAZZLER (Both) 80 **+††† Surely the best commercial orange we know. Brilliantly clear and velvety red orange with deeper throat blotch. Beautifully ruffled. But for Jeanie and Coutts' Orchid this variety would be just about the sole contender for the most beautiful glad introduced in the last 5 years. On account of the greater intensity of color in this one probably it will receive the most acclaim. Florets have substance, are 5½-6½ inches dia., 5-7 open and are not crowded on the stem. Sales will stop when half our stocks are sold. Positively. L \$1.00 M .75 S .50 Blts. 10

DAZZLER (Both) 80 **+††† Exh. only. The greatest dazzler for color we have seen. We never thought we would ever see a glad of scarlet orange that could match Pfitzer's Triumph. But this is vivid dazzling scarlet orange with darker blotch. Slightly ruffled. 5½ inch florets, 9-10 open, 22 and more buds. Full double row Exh. type placement. Flower fades in the sun so it is not a commercial type. But what a "humdinger" for the show bench or home use if blooms are opened indoors! A spike selected from our com-

mercial display at Ohio, '38, not entered in competition, was unanimously chosen by the judges as Grand Champion Bloom of the Show, winning the American Home Achievement Medal and the N.E.G.S. Purple Rosette. Our 1st also Ind., '38. Our 1st Md., '39. Our 1st (beating our own fine Harmau and Master Myron), Mich., '40. Sorry to state stocks are still scarce but this year we will share the medium size and bulblets with you. Ea. L .75 M .50 Blts .10.

DIANE (Krueger) 110 **+†† Exh. Smooth salmon orange with clear cream throat. Very tall and very late with us. Wisc. In '41 was section champion in Ill., Wisc. and Midwest (9 immense blooms open in full double row). L .25 M .15 Blts. (100, \$1.50).

HURRICANE (Evans) 78 *—†††† Bright salmon toned orange, clear cream throat marked with several small cherry lines. Slightly ruffled. 5 inch florets, 8-10 open on very stretchy, long flowerheads. Easy propagator, frequently making large spikes and large bulbs directly from bulblets. In 1940 won the American Home Achievement Medal at Mich. state show. In '41 it won for us a first and Vase trophy at Wellsville, 2 firsts at Mich. state, where numerous growers again acknowledged its high color value, first at Midwest and Champion Seedling at Mahoning, fairly impressive for a seedling. Best Ohio origination, Midwest, '42. L \$1.00 M .75 S .50 Blts .10.

LA FIESTA 90 *—††† Dec. Bright orange. Deeper in throat. Tall, strong, wiry stem. Color a large improvement on the popular Senorita, with much taller spikes and better placement. A coming "cut flower." Rapid increaser. Large blts. We have had spikes with 12 open florets. Also 5 ft. spikes from small bulbs. We registered its first win at A.G.S., '36. Has A.M. from B.G.S. and E. Bay. Four wins recorded in '41. L .08 (100, \$5.00).

TUTS BOTH (Both) See page 15

LIGHT SALMON—30 Series

CARILLON (Palmer) 93 *+†† Dec. Com. Clean, light rosy pink, creamy blotch. 4½-5 inch, wide open, ruffled florets well placed on stretchy, tall spike. We have not grown it long—just one year, so our observation in the field is limited but friend Elmer says "One of its many good features is that it is always straight." L .10 M .05 Blts (100, .25).

Bulbs priced per each. 12 sold at 10 rate. 6 at 5 rate. 25 at 100 rate.

Blts any amount at rate offered. Delivered Prepaid in U. S.

GLAMIS (Palmer) 90 *—†† Dec. Com. Good, clean color, salmon rose, creamy lip. Florets beautifully ruffled, fluted and needlepoint. Robust grower, good propagator, blooms freely from blts. for us. E. S. G. S., '40 and '41. Our 1st also at S. E. Mich. L .50 M .30 S .20 **Blts** (100, \$2.00).

H. B. PITT (E. Both) 80 **—††† Exh. Com. Smooth, light orange pink, cream throat. Powerful growth, stiff stem. Tall, full exhibition spikes, regularly well placed in double row formation. Heavy propagator. A sister seedling to Harmau. Our 1st, 3 spike, in the popular salmon pink class, Mich., '40. We repeated this at Wisc., '41. This is truly a contender with Picardy in the Salmon Pink Class. We believe its color is cleaner and more beautiful than that of either Picardy or Sensation. We had wonderful propagation with hundreds of spikes from bulblets so we have reduced the prices about 60%. L .40 M .30 S .15 **Blts** (100, \$3.00).

JEANIE (Pruitt) 85 *—††† Dec. Com. What a beauty! Bright, glistening light salmon, clean and clear of all flecking, with white, raised midribs and blending into light cream throat. Color is unbelievably rich. Unless you see it we doubt we can do it justice with mere words. It's cheap enough for you to find out for yourself. We had been growing it prior to last year and left it out of last catalog by accident, so we gave out many sample bulbs to try. We could fill so many pages with the commendation it received that we would not know which to select. 5 inch florets, 5-6 open, tall, strong, wiry stem, good propagator. If we have not convinced you that we are convinced of the outstanding quality of Jeanie, both for show bench and for cut flower, then just risk a dime or 15 cents for a bulb and find out first hand. No free bulbs of Jeanie this year. Firsts at Midwest, Utah, Sioux City, Sheboygan and we won with it ourselves at Wellsville, Mich., and Midwest, all '41. L .20 M .15 S .10 **Blts** (100, \$1.50).

K & M'S TRIUMPH (Konynenburg & Mark) 80 **—††† Exh. Com. Light salmon pink with creamy throat. 7-8 very large, wide open florets on tall, strong spike. Healthy grower, fair propagator. When this firm, world famous distributor of Pfitzer varieties, attaches its own name to a glad we may safely conclude this to be a wonderful variety. Stock in very small supply. We have started it on its winning career in U. S. at the W. Va. show, '41. L \$1.50 M \$1.00 **Blts** .10.

KING OF HEARTS (Salbach) 93 ***—††† Exh. Com. Patented. One of the 4 or 5 varieties capable of growing florets over 8 inches dia. Color just about true salmon, RO5 on Fischer Color Chart; Light coral red with carmine line in throat, Ridgeway. Wide open, round florets, 7-8½ inches, 7-9 open, 16 buds, flower-head 30 inches, spike 60 inches. Habits ideal both as Exh. and Com. Patent restrictions are same as specified in description of Golden Goddess. E. Bay, '38, '39. Our first, section champion and runner up for Grand Champion at Ohio, '39, Wellsville, O., and our 1st, Ohio, '40. Firsts at Ohio, Md., Sioux City, Pa. and our 1st at Mich. Also largest floret at 2nd Ohio show and section champion at Ind., all '41. See patent collection prices at end of variety list.

Best Amateur entry, N. E. G. S., '42.

	per ea.	12	100
Large.....	.25	\$2.20	\$17.50
Medium.....	.20	1.85	15.00

Prices are Net.

MARLENE BOTH (Both) See page 14.

MRS. E. BOTH (Both) See page 15.

MRS. JACK PEATTIE (Both) See page 15.

DEEP SALMON—32 Series

ALADDIN 85 ***—†††† Exh. Soft tones of salmon pink, creamy blotch with some cream along the mid ribs of the petals. Immense florets, widely expanded, somewhat waved, well over 6 inches dia., 8-10 open, about 20 buds. One of the very best of the Palmer varieties. If he could make it over the only suggestion we could make would be a little more length of stem, bit stretchier flower head. However, as is, it takes something to beat it in the shows. We record 20 wins for '41, including section champ at Wisc. and Grand Champion at Easy Bay. Shown with 14 open, Iowa State, '42. L .08 (100, \$6.00) M .05 (100, \$4.00) **Blts** (100, .25).

MARGUERITE (Pommert) 90 ***+†† Exh. Clear, watermelon pink with creamy yellow throat which is marked by a bit of feathering. While it does not hold many open, yet the florets are so massive and the flowerheads so stretchy that it is well worth growing. Makes 5 ft. spikes, 7 inch florets, 34 inch flowerheads. Strong and healthy. Was Grand Champ., Wash., '39 and collected 8 firsts in '41. L .25 M .15 **Blts** (100, \$1.50).

Bulbs priced per each. 12 sold at 10 rate. 6 at 5 rate. 25 at 100 rate.
Blts any amount at rate offered. Delivered Prepaid in U. S.

MISS NEW ZEALAND 93 *—†††† Exh.**

First offered in U. S. by Dr. Barber and by us in 1934 at \$30. per bulb. All catalogers scrambling for stocks to list ever since. Color difficult to describe or classify. A deep pink suffused rose with some ground color of dark apricot salmon. A distinctive throat of color of a ripe peach. We have grown long spikes with 10 open florets, as many more in bud, the three lower florets a full 8 inches diameter, the other seven tapering off to 7 inches. Excellent substance, straight spikes, powerful grower, acclimates easily and a good propagator even from large bulbs. Abandoning long list of awards for a fresh start. See Champion Bloom records ahead. Only Picardy and F. J. McCoy have records as good. **L .08 (100, 6.00) M .05 (100, 3.00) Blts (100, .25)**

SPITFIRE (Evans) 80 *+†††† This grand

glad starts out as a named variety with plenty of competitive show experience. Color is clear, iridescent, rosy toned salmon, white throat marked with several small cherry lines. 5 inch florets, wide open, slightly ruffled. Opens 8-10 easily. Powerful plant, strong stem, no crooking, bloom very long lasting. Propagation medium, otherwise wonderful cut flower qualities. In '38 it won as 3 spike Exh. seedling, then Champion Seedling and Ind. Soc. Silver Medal at Ind. In '39 at Ohio it received one of the very few Awards of Merit it has yet given. In '41 it won for us as follows: a first at Wellsville, the American Home Achievement Medal for most meritorious undisseeded gladiolus at W. Va. and repeated for similar medal at the Mich. state show. Thus, Spitfire followed in the footsteps of its "brother" seedling Hurricane, which won the award at Mich. the year before. Myrna alone won more special awards in the '42 shows. At the 2nd Ohio (R. I. and Sdlg) show, Cleveland, '42, Spitfire won a 1st in color class, longest flowerhead in show, Section Champion, Grand Champion of the show and reaffirmation of Award of Merit, at 88 points, a new high score for Ohio. Each **L \$1.50 M \$1.00 Blts .20.**

"From a Spitfire x Merry Widow seed bought from you last year have an outstanding plant 5½ feet high, very wide blade foliage, 2½ in. 28 in. flowerhead, 16 buds, 10th bloom 6½ in. dia. a soft rose with cream throat. Looks like an all-purpose winner." 10-3-'42. D. H. W., McDonald, Pa.

TREASURY GOLD (Wilson-Evans) 95 *

—†††† Exh. Com. (Registered). Ridge-way: Capucine Orange with a slight tendency toward Chamois (buff orange). Fischer Chart; somewhere between 04 and Y04, probably nearest 04. This makes a truly giant spike, as stretchy as Peggy Lou, with flowerheads about 34 inches,

25 buds. The spike towers 68 inches in the field. Florets are plain petaled, wide open, 5 inch dia., 10 open. Strong plant, tall, dark green foliage. Placement averages good. At its show debut 3 cut spikes towering 60 inches high, just as here described, were exhibited at Wellsville, '39, judged Champion Seedling, winner of American Home Achievement Medal and was reserve champion bloom of the show. Other than the mechanical hazards to any glad growing over 5 ft. tall, we have discovered no alloy in Treasury Gold. 4 Firsts and 4 special awards recorded '40. 9 Firsts and 2 special awards in '41. **L .30 M .20 S .10 Blts (100, \$3.00).**

SCARLET—36 Series**ALGONQUIN (Palmer) 79 *—††† Exh.**

Com. Brilliant, light scarlet with some markings. Color not equal to Palmer's Regent but larger florets and much longer flowerheads, up to 30 inches. 8-9 open usually semi stepladder fashion. A. M., B. G. S., '39. Stands near the top in the most recent symposiums. Firsts at Ames, Calgary, Hamilton, SW Va., W. Va., sectional champ for us at Mich., and it was grand champion at both Sioux City and Grants Pass, all '41. Now reasonably priced. **L .10 (100, \$8.00) M .07 (100, \$6.00) Blts (100, .50).**

HARMAU (Both) 72 **+††† Exh. Com.

A highly desirable new color, difficult to describe or classify. An orange red with distinctly rosy overtone, throat deeper. Enough ruffling to enhance the beauty of the well placed, giant, wide open florets. Five times winner of the award "Champion Commercial Type Variety" in Australia. This alone should apprise you of its worth. However, we give further detail. Foliage and stem deep green. Tall, strong and wiry stem holding firmly 6-9 giant florets open on 18-20 bud, stretchy type spike. A massed display of this variety is an unforgettable sight. In fact, the "Champion Bowl" arrangement, S. A. G. S., '40 had an overall width of full 9 feet. Tremendous propagator. Very early. Blooms freely from bulblets and makes massive spikes from small bulbs. First Class Certif., S. A. G. S., '41. At its present low price it is very probably the best commercial investment to be had today, all colors considered. **L .25 M .20 S .10 Blts (100, \$1.50).**

"It's about Harmau. You sent me a small corm (I ordered a cormet). Planted July 1st in heavy soil. Had to neglect plot account war work. Large majority of my bulbs failed to arrive to bloom but this precocious variety delivered such an exh. spike I got out your Catalog and read your notes on Harmau while I had the spike in my hand—and its performance supported your claims for it 100%. Dug 4 days ago it produced 27 com'l size cormels and a great mass of smaller ones. Otherwise only the prim's produced sizeable cormels this yr." 11-15-40. S. E., Notre Dame de Grace, Montreal, Que.

JOH S. BACH 78 **—††† Exh. Orange salmon, shading bit lighter in throat. White median lines. Tall and strong. Huge, well arranged flowerhead. 10-12 open at once. Used to be considered the earliest giant flowering sort but now outclassed in these respects by Tunia's Mahomet, Crystal and Harnau. L .06 (100, \$1.00).

MR. C. P. VAN TIENHOVEN (Duijn) ***—††† Exh. Brilliant, glossy, corn poppy red, darker in throat. Has done no crooking for us but understand it does to some extent in the southern half of the northern border states. Up here it should make a semi-commercial with giant blooms at little cost. Plant deeply as the giant, round florets catch a lot of wind. In fact, our florets of this reach the so-called "super-colossal" designation. L .10 (100, 7.00).

ST. EDWARD (Both) 72 *—††† Exh. Com. This outstanding Exh. and Commercial glad is an orange scarlet with some creamy white in the throat. Has excellent substance, wide open, perfectly formed florets which are slightly ruffled and held rigidly on a very tall, wiry stem. Quite an easy matter to pick a perfect 100% Exh. spike with eight or more 5 inch florets open in double row formation. 22 buds. Medium propagator. While a seedling it was included in the "best 6 spikes" at S.A.G.S., and was Grand Champion at Kensington, '37. Champion Vase (20 spikes with more than 200 open florets) S. A. G. S., '39. Our 1st, S. E. Mich., '40. Section (amateur) champion, S. A. G. S., '40 and F. C. C. same soc., '41. See illustration on page 36. Each L \$1.00 M .75 S .50 Blts .10.

TUNIA'S MARVEL (Both). See page 15.

TUNIA'S TRIUMPH (E. Both) 88 ***—††† Exh. Today the world's most sensational glad. Starting its career, it won the Fallu Cup and Grand Champion Seedling award at the South Australia, '34 show. Australian fans have been spellbound with this flower ever since. The color, light orange scarlet with a sheen approaching metallic bronze, a self color. Florets $7\frac{1}{2}$ to 8 inches, 7 to 9 open, 21 buds. The huge florets are perfectly faced and placed. The spike grows 5 ft. or taller, perfectly straight and the heavy texture enables the florets to withstand hot, drying winds. Makes a strong, well foliated plant that requires no staking. Good propagator, young bulbs producing from 30 to 50 bulblets. With a bold, arresting bloom having every desirable exhibition quality, this variety shows every evidence of being unstoppable. We started its winning career in U. S. with firsts at both Ind. and Ohio, '38. Our 1st, Md., '39. Our 1st (3 spike) Mich., '40. Our 1st (3 spike) Midwest, '41. L .10 M .06 Blts (100, .50).

"At our show (S.A.G.S.) Tunia's Triumph with seven eight-inch blooms, perfectly placed, simply dwarfed such large varieties as Mrs. S. A. Errey and its magnetism held the public three and four deep throughout the show." C. H., Torrsville, S. A.

"I had a Tunia's Triumph with first floret $8\frac{3}{4}$ inches across and 8 open." Mr. Menzies (a prominent Victoria exhibitor).

"Tunia's Triumph has already proved a wonderful parent. A number of its seedlings are very outstanding and are likely to create a sensation when released as you already know." E. B., Adelaide, So. Australia.

"We liked your Tunia's Triumph immensely. It is gorgeous, lovely." 8-3-'38. Mrs. J.R.C., Hayward, Calif.

WALK-OVER 80 ***—††† Exh. Com. Glistening red, deeper than Tip Top. Huge, round florets, reminiscent of Mac but still bigger. Excellent spikes from the smaller sizes, unlike Tip Top. Excellent propagator. Excellent cut flower habits, as well. B.G.S., '36. Voted best medium-early glad, all colors and types, by Holland Bulb Grower's Ass'n. Plants mature early and should be dug a bit early. This variety deserves vastly more attention that it has been getting and now that the price is modest, many will now learn what a grand glad this is. Only a few wins recorded as yet and the first in U.S. was ours in '39 at Mah. Two in '41, at Ohio and S. E. Mich. L .10 M .06 Blts (100, .40).

LIGHT PINK—40 Series

BIG TOP (Rich) 72 ***—††† Exh. Color a medium depth of pink with carmine feather in somewhat lighter throat. Sometimes flecked at edges. Petals creased at centers. Immense, round florets reaching 8 inches dia. A giant in growth of wide foliage and tall stalk as well. Fairly good texture. Generally straight and fair placement. Healthy, prolific and excellent bulblet germination. Our tallest variety in '41. 20-22 buds, up to 7 open on 26-32 inch flowerheads. It outperformed our Miss New Zealand in height, number open, size of floret and ability to support itself. Has received its 2nd year Commendation award, also largest floret ($7\frac{1}{4}$ inches), both E. S. G. S., '41. L .35 M .25 S .15 Blts (100, \$2.00).

CAMELLIA 90 *—††† Dec. Clean, pink toned white, with a rather small, vivid orange scarlet blotch on a cream ground. Appears to have commercial qualities. 5 inch florets, 6-7 open, about 20 buds, spikes tall and straight. Good propagator. L .08 (100, \$5.00) M .05 (100, \$3.00) Blts (100, .20).

CANDY HEART (Salbach) 80 ***—††† Exh. Com. Soft, clear flesh pink, blotched light carmine. Florets winged type, wide, 6 in. or more dia., 6 open, 17-18 buds. Good placement, tall, vigorous plant of good cut flower habits. Rapid increaser.

Best seedling at E. B., '37. Cedar Rapids, '40. Firsts at N.E.G.S. and SW Va., also ours at W. Va. and S. E. Mich., '41. A better glad cannot be had under 10c (other than Picardy). **L .09 M .06 Blts** (100, .50).

CORONA (Palmer) 80 *—†† Dec. Com. Very light pink, approaching creamy white, throat somewhat deeper, rose picotee edge that varies in intensity under differing growing conditions but seems much more stable than that of Euides and appears to surpass it in every way. Starting its career with a 1st at Ohio, '41, it returned as Grand Champion in the 1st Ohio show, '42, repeating this top award at Blue Ridge Glad. Soc. **L .25 M .15 S .10 Blts** (100, .40).

GRAND OPERA (Salbach) 93 ***—†† Exh. Patented. Giant florets up to 8½ inches. 5-6 open, 16-18 buds, up to 6 ft. tall. Color is soft but clear light pink about R6 on Fischer Color Chart. Slight red feathering in throat. Very stunning. Excellent hybridizing agent. Patent restrictions are same as specified in description of Golden Goddess. We put this variety definitely on the map in '41 with our giant blooms at the shows. Our firsts at Wisc., Mich. and Ohio, where it also secured a Special Ohio ribbon, section champion, N.E.G.S. Rosette, was runner up for grand champion, the giant Snow Cruiser taking that award. It won also in N.E.G.S. and Midwest color sections, also at latter for largest floret. See patent collection prices at end of variety list. **L** only each .40 (3-1.00) (12-\$3.60) (100, \$25.00). Net Prices.

GRETA GARBO (Pfitzer) 86 *—†††† Exh. Com. Surely this gladiolus rates inside the best ten extant. But a matter of time and it will be near the top of all symposiums. The color is soft, a very light rose pink, so light we classify it light pink. Cream on lip petal. Buds are salmon rose. Opens 6-9 finely placed, well expanded, perfectly formed flowers on a tall, slender but strong stem. Healthy grower, rapid propagator, ideal cut flower habits. Both A.M. and F.C.C. at Amsterdam, Haarlem and B. G. S., a stunning record. Following our endeavor to exhibit the new ones at the shows even before bulbs are released to sale, we won with this at Mich. and S. E. Mich. in '39. Now the wins pile up, 11 of them in '41, including "second day champion" at C. G. S. and ours in R. I. and 3 spike classes at Mich. Corroborating our above description, carried over from last year, note that Greta Garbo has jumped out of oblivion into the first 10 glads in the Canadian Symposium. Now offered at popular prices. **L .20 M .15 S .10 Blts** (100, \$1.00).

JANET PURSELL (Pursell) 93 —†††† Exh. A beautiful, pure pink with some salmon tone and a pale cream throat marking. Strong grower. Double row exh. spikes with 12 open, 24 buds on a tall, strong spike. New Australian variety. Floret size about that of New Era, color not far apart but cleaner. Apart from the ruffling value of New Era we feel this is by far the better. **L .50 M .30 Blts** (100, \$2.00).

MERRY WIDOW (Evans) 100 ***—†† Exh. Very light blush pink, approaching white, one ruby pencil stripe through center lip. Slightly hooded but widely flaring. Substance fairly good for so large a floret. Though it was champion seedling Mah., '31, with an 8¼ inch floret we did not attempt to propagate via bulblets until, at the Ohio-Great Lakes Expo. show it won for largest flower in the show (florets about the height of this page). Here one party declared it was reminiscent of the famous Merry Widow hats. So, with an appropriate name, we listed it. Our bulbs sold out yearly, regardless of high prices and we cannot now supply the demand because it has been learned also that it is a good, dominant hybridizing parent. Largest floret Mah., '38, Mich. and Ohio, '39. **L .30 M .20 S .10 Blts** (100, \$1.00).

"I got a small bulb of Merry Widow and boy! what a flower. Would have made a pretty good umbrella. The largest floret of the season." 11-4-'42. H. A. N., Humeston, Iowa.

MISS AMERICA 95 **—†† Exh. Com. Delicately toned, light pink, about pale flesh. A slight indication of hooding, uncommonly wide proportioned florets. Excellent color value coupled with first class cut flower traits. 1st and A. M. East Bay, '38. Our blue ribbon at Mich., '39. East Bay, '40. **L .12 Blts** (100, .50).

NEW ZEALAND SPLENDOR (Toon) 98 **—†††† Exh. (Picardy x Mrs. S. A. Errey) '39-'40 introduction in N. Z. Soft, medium tone of pink with conspicuous orange scarlet throat blotch. Quite large florets, well placed, up to 10 open on long flowerhead and stem. Mr. Toon, the well known N. Z. hybridizer, says it is the best of his originations. Received an F. C. C. at Burnley Test Gardens, '39. Grand Champion at the Lyttleton N. Z. show, '39. Algona and SW Va. '41 and we start it off in U. S. as a Grand Champion, Mah., '41. **L .12 M .08**.

"New Zealand Splendor is the best thing I have had in all my 25 years of growing glads." 11-2-41. F. G. B., Victoria, B. C.

Bulbs priced per each. 12 sold at 10 rate. 6 at 5 rate. 25 at 100 rate.

Blts any amount at rate offered. Delivered Prepaid in U. S.

PACEMAKER 100 **—†††† Exh. Smooth, medium-light pink. Prominent, smooth white throat. 12-16 open. Immense flowerheads on medium length stems. Top score Exh. Seedling and Champion Seedling Bloom (all types), winning two blue ribbons and the large sterling silver Stella M. Antisdale Seedling Trophy, joint Ohio-Mahoning at Ravenna, Ohio, '34. Without injuring frontal appearance its florescence is such that it sometimes fills out $\frac{2}{3}$ around the stem instead of just half. Our 1st and Grand Champion at Mah. (2nd show), '39. Our 1st (3 spikes each showing 12-13 open), Ohio, '40. L .30 M .20 S .10 Blts (100, 1.00).

RIMA 85 *—††† Exh. Com. Smooth, pastel blend of very light lilac rose pink, graduating toward very pale yellow in the throat. Florets around 5 inches, 6-7 open, 20 bud, spike tall, strong and wiry. Substance and delicate pastel color values indicate high commercial quality. Metro., '37. Conn. and Yakima, '38. Grants Pass, Wisc., E. N. Y. G. S. and our 1st Ohio and Mah. (2nd show), '39. Calgary, Grants Pass, Iowa, E. N. Y., Sioux City and our 1sts at Mich. and Ohio, '40. 12 firsts in '41, including largest floret at Wash., "most beautiful" at W. Va. See tabulation of '42 winners. L .08 (100, \$5.00).

STAR GAZER (Evans). See page 14.

STELLA ANTISDALE (Evans) 80 ***—†††† Exh. Com. Smooth, soft light pink, a bit lighter and creamy in throat. Color has what might be termed a suede finish. Big round florets, mostly the much desired inverted type (single lip petal, top petal to rear), 6-7 in. dia., 7-9 open easily in the field, 18-20 buds. Tall spike, 55 inches high, strong, wiry stem, all straight for 6 years. Full exhibition type placement in double row formation from M as well as L bulbs. Flowerhead 24-28 inches. Good propagator. Was best single spike exh. seedling and won Bronze medal at Ind., '38. At the Ohio show, '39, a 3 spike entry of this variety (then seedling No. 7356) broke all known records for prize winnings on a single entry by winning

- (1) First as best pink exh. seedling.
- (2) Section champion (exh. sdlg. color classes).
- (3) Champion Seedling (all types).
- (4) N. E. G. S. Special Seedling Blue Ribbon.
- (5) American Home Achievement Medal.
- (6) Stella Antisdale Sterling Silver Sdlg. Trophy.
- (7) O.S.G.S. Award of Merit (86 points).
- (8) Grand Champion Bloom of the Show.
- (9) N.E.G.S. Grand Champion Purple Rosette.

With 50 or more spikes of Peggy Lou of grand champion caliber and a stunning spike of King of Hearts present to give battle, Stella Antisdale polled 7 of the 10 votes of the judges. Its parents, Albatros x Picardy. With excellent color, giant florets, true exhibition form, straight spikes and good cut flower habits, we expect all will like it. See illustration.

Our 1st, 3 spike light pink, beating our own very fine spikes of Rosa van Lima, Mich. and our 1st Recent Introduction, beating our own extra fine spikes of Grand Opera and Queen Marilynn, Mich., '40. Our firsts W. Va., Mah., Mich. and Ohio and our customers have started to win with it likewise, Mr. Parrott winning two firsts at SW Va. and Mr. Hopkins winning at Midwest over a good spike of Ethel Cave Cole, all '41. L .40 M .30 S .15 Blts (100, \$2.00).

"In my opinion you have an excellent gladiolus in Stella Antisdale. The color is beautiful, placement excellent, a real exh. glad and a wonderfully fine cut flower with keeping qualities. I am more than pleased with my investment. My hat's off to you and Stella Antisdale. You've really got something there." 8-20-40. M. J. E., Grand Haven, Mich.

"Won two firsts with Stella Antisdale. With two bulbs. This is everything you say about it. Extravagantly admired and one of the best things in the show. 12-3-41. B. F. P., Roanoke, Va.

"Stella Antisdale has a beautiful, delicate coloring and yielded a fine crop of bulblets." 2-7-42, W. H., Rockwood, Ont.

"Stella Antisdale bulblets produced nearly 100 percent number 1 or 2 bulbs." 11-13-42. W. H., Winnipeg, Man.

"I must congratulate you on your Stella Antisdale. You have an outstanding glad and with me was the earliest of all the new varieties on trial. This will be of special value as a florist variety due to its earliness and very desirable color." E. C. S., Sterling, Ill.

DEEP PINK—42 Series *

CALIFORNIA (Salbach) 95 ***—†† Exh. Patented. A real giant. Color somewhat similar to F. J. McCoy but better and twice as large. Pure geranium pink with a blotch of begonia rose but slightly deeper, result close to self color. 42 inches tall, long flower head, good substance. Rapid propagator. Florets round, slightly ruffled, up to $7\frac{3}{4}$ inches as shown and measured by the judges, E. Bay, '38 where it was the winning seedling and won the American Home Achievement Medal. Patent restrictions are same as specified in description of Golden Goddess. E. Bay and Utah, '40. Two of our customers collected firsts at Ohio and SW Va., '41. See patent collection prices at end of variety list.

	per ea.	12	100
Large25	\$2.20	\$17.50
Medium20	1.85	15.00

Prices are Net.

FASCINATION (Both) 80 *—†††† The color is soft, medium deep pink. Florets are about 4½ inches dia. and beautifully ruffled. 8-10 open with 20 or more buds. Just about the sort of glad one would expect to obtain from its parents (Rose-marie Pf. x Tunia's Triumph). See illustration on page 36. L \$1.00 M .75 S .50 Blts .05.

FRANK J. McCOY 105 **—††††Exh. Immense, tall, strong spike of pure pink. Surely, we put this variety on the map. Way back in '31 when we registered the first win for it at the largest gladiolus show in history (over 7000 entries), A.G.S. at Cleveland. Our customers (and we) have been winning with it ever since. 5½ inch florets, 12-15 open, 50-60 inch cut spikes carrying 22-24 buds. Nearly all of the grand champion spikes attributed to this variety in our page of records ahead were produced from our bulbs. Beside blue ribbons it is frequently section champion or wins for most open as at Ohio (14 open) and grand champ at Ill. with 14 open, '40, and most open at both Ohio shows, '41. Most open, N. E. G. S., '42. L .06 (100, \$4.00).

FROSTPINK ornatus 72 —†† Dec. A Champion first time shown. Soft, medium values of pink, modulating into general effect of "Frostpink" (Textile Color Card Ass'n. of U. S.). No other markings. Intensely ruffled. Superb cut flower traits. 4 inch florets, 5-7 open, 15-18 buds. Florets open slowly making a most lasting spike. The decorative color, including that of the buds, form, placement and ruffling combines to make a most usable spike. A frequent winner for most ruffled floret and in arrangements. Price now justifies quantity planting in assorted sizes for maximum usefulness. L .08 M .05 S .03 Blts (100, .50).

PEGGYLOU (Wilson-Evans) 90 **—†††Exh. Com. Smooth, deep shrimp pink, with a slight rosy cast and a slight peppering of deeper rose in the throat. Undoubtedly classifies as a self color. Secured from same seed cross which produced Picardy. Apart from the color change, the only variations from Picardy we can discover are somewhat rounder florets, slightly shorter stems, considerably longer flowerheads. Produces wonderful blooms from M and S bulbs. Though we introduced this variety but five years ago, its fame is already secure. See Grand Champion Records on page 8. Prize winnings far too fast and furious to record any longer. In '38 some 30 odd firsts, A.M., Md. and 4 grand championships. In '39 at least 43 blue ribbons, 5 sectional and 2 grand championships. We had so many spikes of grand championship caliber at the Md., Mich. and Ohio shows that the visitors were simply stunned. The length of these

massive flowerheads (30-36 inches) is simply astounding. Our grand champ, Mich. '39. We have record of 30 firsts in the shows we are reporting, including our 1st Ohio and our Sec. champ, Mich., largest floret N. E. G. S. and Grand Champion, Wisc., all '40. We recorded 28 firsts, sectional champs at Ohio and Ind., grand champ at Cedar Rapids and received the "Best Commercial Prospects" award at Midwest, all '41. Grand Champion, Utah, (9 open), '42. L .07 (100, \$4.50) Blts (100, .20).

SUMMERWEALTH (Heemskerk) 90 **—†† Exh. Com. Very large, wide open, round 6 in. florets of deep shining pink. Good color value, wonderful substance, 5 years without a crooked stem, propagation fairly good. A cut flower man looking for a quality glad in the very deep pink class finds the answer here. There is no more dependable variety in this entire catalog. L .30 M .20 Blts (100, \$3.00).

LIGHT RED—50 Series

DR. A. J. VERHAGE (Van Buggenum) 80 **—†† A brilliant glad of Pfitzer's Triumph origin. Clear, deep, orange toned rosy scarlet, blotched deeper. Produces immense florets even from small bulbs. We started its winning career in U. S. at S. E. Mich., '40, following with another at the 2nd Ohio show, '41. To protect stocks for further propagation we will offer large bulbs only this year. L .25.

GLOBE TROTTER (Pfizer) 80* —†††Exh. Com. Color light vermilion red shading to rose pink towards the milky white blotch which is feathered rose red. This is a very strong grower, making large, impressive spikes with around 10 big, round, wide open florets open at one time. This is the best of the 6 Pfizer varieties available to release last year—likely the last to appear in American catalogs for many years to come. Stocks very limited. L each \$4.00.

THRILLER (Evans). See page 14.

DEEP RED—52 Series

HINDENBURG'S MEMORY 90 ***—††† Exh. Com. Deep scarlet red, buds a velvet blood red. Deeper red than Red Phipps or Tip Top. Somewhat lighter than Com. Koehl. Holds 6-7 well expanded florets over 6 inches dia. on a strong, tall stem. Excellent placement and easily the best exhibition variety in the red section. This is Pfizer's own wonderful improvement on Com. Koehl both in color, size and stem. A. M. Haarlem, '36. Only a matter of time and this will be in any list of "the ten best glads." We have started it on its winning career, Ohio, '39. Calgary, Me., Md. and Wash., '40. We record 8 firsts in '41, including Ohio, N. E. G. S., Wash. and Midwest. L .15 M .10 Blts (100, .50).

KING CLICK (Wilson) 85 *—†††† Exh. Ruffled scarlet. A bit deeper than Algonquin and color practically clear. 5 inch florets, 21 buds, 8 open, 31 inch flowerheads. 5 ft. tall, making giant plants. Champion seedling, winning American Home Achievement Medal and Grand Champion bloom at Ohio, '40. Only Stella Antisdale has turned in a performance equal to that. "Honorable Mention," (a step towards A. M.) at E. S. G. S., '40. Its best performance, '41, was at S. E. Mich., where it had to beat one of the best spikes in the show (Rodney) just to get its blue ribbon. This spike then became section and finally grand champion and won the N. E. G. S. Silver Medal. L .40 M .25 S .15 **Blts** (100, \$3.00).

"Our King Klick bulblets gave some remarkable spikes, as did *Silentium*, *Exquisite*, *Helen of Troy*, *Pinocchio*, *Harmau* and *Rodney*. These were outstanding." 9-25-41. P. L. P., Montreal, Que.

RED CHARM (Butt) 85 **—††† Exh. Com. Clear color without flecking, about identical with that of Com. Koehl, but glistening. 17-18 buds, 8-9 open, round 5½ inch florets, 55 inches tall. Makes healthy bulbs and plants, strong and straight wiry stems. Good blooms from smaller sizes. In fact, a grand self color with fine cut flower habits. Calgary, Marion Co., Ind. and C. G. S., '40. Ind., Hamilton, Calgary and C. G. S., '41. L .50 M .30 S .20 **Blts** (100, \$1.00).

RODNEY (Coates) 92 ***—†††† Exh. and Com. Another spectacular glad in the mammoth class. Full, double row exh. spikes, 7 inch florets, 8 open (have seen 10). Beautiful dark glistening scarlet, with spectacular flaked, whitish blotch. Vigorous grower and good bulblet producer. Stocks very limited. L .50 M .30 **Blts** .05.

BLACK RED—54 Series

BLACK OPAL 92 *—†††† Exh. Deep maroon, somewhat marbled. Makes tall, symmetrical exhibition spikes, 10 open, 22 buds. Good bloomer from the smaller sizes. The prize winning on this new one begins. Ohio, E. Bay, Snohomish Co., E. S. G. S. and our 1st Mich. where it scored 85 points, exceeded only by Peggy Lou, all '39. E. Bay, Md., Mich., Wash., Wellsville, Sec. champ Cedar Rapids, all '40. We record 13 firsts for '41, including Ohio, Wash., Midwest and N. E. G. S. L .08 (100, \$6.00) M .05 (100, \$3.50) S .03 (100, \$2.00) **Blts** (100, .20).

MIDNIGHT RED (Rich) 70 *—†† Exh. Com. Very dark red, velvety and glistening. Small cream stripe on lip. Wide open, plain petalled florets with excellent arrangement which one may rely upon for consistency. Straight, strong, tall spikes.

4½-5 inch florets, 6 open, 16 buds, 24 inch flowerheads. Good substance and fairly good propagator. "Honorable Mention," E. S. G. S., '39. "Award of Commendation," E. S. G. S., and our 1st S. E. Mich., '40. Two firsts and Award of Merit, E. S. G. S. and our 1st W. Va., '41. L .25 M .15 **Blts** (100, \$1.50).

OEGANDA 98 —† Dec. Black red, almost a solid black color with silky gloss, without markings or blotches. We have bloomed this from L bulbs seven years and it is certainly the blackest glad we have yet seen. Florets run 3-4 inches dia., 4-6 open, 10-13 bud, 3-3½ ft. tall, on strong, slender stems. Supply very limited. A. M., R. Hort. S., F. C. C., Haarlem, '35. We started the ball rolling in America with a 1st at Ind., '38. Our 1st Mah., '39. Our firsts both Mich. and Wisc., '41. L .25 M .15 **Blts** (100, 3.00).

REWI FALLU 98 ***—††† Exh. A deep, blood red of very large size opening 8 florets on medium tall plants. Bulblets often bloom. Good propagator. Very popular. Took a nose dive in the C. G. S. Symposium mainly because the voters realized it hardly deserved the very top position it held in the previous one. Rates 4th in last Ohio and 12th in N. E. G. S. symposiums. Our 1sts at Md., Ohio and Mich., '39. E. N. Y., Hamilton Dist., Iowa, Ind., Marion Co., Ind., Me., N. E. Mich., Pa., Sioux City, Utah, Wash. and Sec. champ at both Cedar Rapids and Minn., all '40. Jumps to 28 firsts in '41 including section champ at Ill. and grand champion at the 2nd Ohio show. L .07 (100, \$4.50) M .04 (100, \$2.50) **Blts** (100, .20).

LIGHT ROSE—60 Series

COUTTS' ORCHID (Coutts) 84 **—††† Exh. Com. Immense, round petalled florets of smooth, unmarked light orchid rose with cream throat. Has a tendency to produce a quarter inch lighter edging, or halo. Very healthy grower. Stands up straight. Substance excellent. Good cut flower traits and the only doubtful item was cleared up by another year of growing. Our planting stock sizes gave us a generous supply of bulblets. Bulblet germination is very satisfactory. In Canada we have seen spikes with 8 open and 10 more buds all in color. Ours have done almost as well. We doubt much if this glad has any fault whatever and the color is beyond reproach. Award of Merit by Canadian Glad. Soc. in '39. Firsts at Calgary and Ohio (where our customer's spike beat our own good entry). At S. E. Mich. we won with grand spikes in Recent Intro. section and for "Best Canadian Intro.", which latter also won the Canadian Glad. Soc. Medal. At Mich. state show our entries were the sensation of the show, winning in the Recent Intro. section and 3

spike Exh. section, where it became section champion. The one spike entry then became runner-up to our seedling, "Thriller," for grand champion, all '41. Unfortunately, the stock of the originator, in Canada, was destroyed by fire last December, so instead of importing substantial amounts to meet our increasing demand, we must restrict our sales and depend on our own propagation. Large bulbs only, each \$1.00. We will supply a bonus of 2 blts per bulb to hasten your propagation, if requested.

FESTIVAL QUEEN 105 ***†† Exh. Rosy, geranium pink, soft carmine feather on lip petals. Immense, round, well expanded florets over 6 inches dia. 5-6 open, around 16 buds. Placement and facing is consistently good. Has been in the market several years but the price heretofore minimized dissemination. Spikes never crook. Too late a bloomer for average show dates, though we won with it at Ohio, '40. Was grand champion at Sydney, Austr., '41. L .08 M .05 Blts (100, .50).

ROSA VAN LIMA 77 *+††† Dec. Com. The finest, bright, light rose pink we have ever offered. Has a harmonizing small spot of deeper orchid violet. A real apple blossom pink. The color we growers and florists have hoped to see in a gladiolus coupled with 100% satisfactory commercial cut flower habits. Destined to achieve great success in the gladiolus industry. Won two blue ribbons for us at Mich., two and section champion for us at Ohio and one at Mah. (2nd show), all '39. The spike in our illustration opened as shown in the field but one or two less open comes nearer the average performance in the field. Excellent propagator and a bargain at twice the prices we are asking. E. N. Y., Md., Pa., Utah, Wells-ville and our 1st Ohio, '40. All of our predictions made at time of introduction have come true. 19 firsts in the spike classes and section champ at SW Va. and Ill. where it also secured award as "best commercial prospect." L .08 (100, 5.00) M .05 (100, 3.50) Blts (100, .20).

SOUTHPORT 96 *—††† Exh. Frequently deserves two stars for size of florets. Color a smooth, light, lilac rose pink, self color. Makes a long flowerhead with 10-12 open blooms on medium long stems. Excellent color value and at least among the best 3 or 4 of the many fine glads introduced by Mair, Scotland, B.G.S., '35. Ia., '37. Regina, '38. Our 1st Mah., '39. Calgary, Winnipeg and Sec. champ, S.E. Mich., '40. Six more 1sts, '41. L .10 M .06 Blts (100, .30).

"This is the first time in my 15 years of commercial flower growing that I have ordered bulbs or seeds from a distributor and then sat down and thanked him for the stock sent. But this is the first time in 15 years that I have received four times the original order." 4-4-40. H. E. B., Elsmere, Del.

DEEP ROSE—62 Series

CHAMOUNY (Baerman) 90 *+††† Exh. Brilliant, light rose pink, deeper throat. Round florets slightly ruffled. 7-8 open on a good tall spike. Exceptional color values. Ill. and Grand Champion, E. Bay, '40. 10 firsts in '41 including N.E.G.S. Ohio, E. Bay and ours at Midwest. First year at popular prices but few growers will have ample supplies. L .12 M .08 Blts (100, .50).

EXQUISITE (Both) 75 ***+††† Exh. Com. Slightly ruffled, unique shaped florets, beautiful, medium depth of rose pink with a harmonizing cream blotch. Extra tall spike, simply towers over most of the noted tall ones in commerce. Often over 6 ft. P.G. style of spike from field grown young bulbs but Exh. spikes when well grown from L bulbs. Eight 6 inch florets open are quite an easy matter with this one. Among the many tall ones we grow, this has the strongest stem. 22 buds and stretchy flower heads. Excellent propagator and last season we had dozens of 40 inch spikes carrying 10-12 buds and 5 inch blooms from bulblets, field grown, without fertilization. Our 1st, Mah., '41. L .35 M .25 S .15 Blts (100, \$1.50).

H. R. HANCOCK (Both) See page 14.

LEONA 95 *—††† Exh. Clean, rich rose red, slightly ruffled. For us the best performer among Mr. Pruitt's '38 releases. Our spikes were admired by all who saw them. The color is much darker than other varieties here listed, not far removed from dark red in depth of color. Our 1st best red recent introduction, Ind. and a first at Sioux City, '38, Ohio and Ill., '39. E. N. Y. and Sec. champ at Susquehanna G. S., '40. The good facing and placing, height and vigor as shown by three more years of growing have confirmed our opinion that this is a good commercial variety, as well. 20 firsts in '41 is evidence of something, too. L .10 M .06 Blts (100, .30).

RED LORY 90 *+††† Exh. Carmine rose, mottled bright orange. Crimson on lower and cream on upper section of throat. Hardly a wonderful color harmony, but makes spectacular spikes with 12 open. Might need staking if bloomed in very hot weather. N.Z. growers claim it has won more champion certificates there than any other. Clearing the slate. E. S. G. S., C. G. S., Iowa, Mich., Ohio, most buds and bloom, Wash., most open at N. E. G. S., Conn. and Quebec, Sec. champ, Calgary and Grand Champ Monitor G. S. (Boston) all '40. Wins mounted to 19 in '41, including grand champion at both Maine and Yakima. Also most open at N.E.G.S. Top winner in '42 shows. See Tabulation. L .06 (100, \$4.00).

REDWIN (Gelser) 80 *+†† The color is most unusual. Dark rose red with a large very dark red, almost black throat. 5 inch florets, 6-7 open on strong, tall spike which carries about 16 buds. We have won a first or two with it for the last 3 years, during which we have come to admire it more and more as a novelty. L .30 M .20 Blts (100, \$1.00).

VELA (Heemskerk) 80 *+†† Dec. Com. Long spikes with beautifully arranged flowers of scarlet red, rosy toned, blotched deeper though not very conspicuously. Very good cut flower habits with us. Excellent propagator, blooms well from the smaller sizes and even freely from bulblets. For us it marks the passing of the good variety, Red Phipps. F.C.C., Haarlem, '37. Certif. of Commendation, (Test Gardens), B.G.S., and our 1sts at both Md. and Mich., '39. Wellsville, O., '40. Because of fast propagation the price has become reasonable. L .10 M .07 Blts (100, .30).

LAVENDER—66 Series

GERTRUDE SWENSON 98 —†††† Exh. An unusual color. Might be called a mauve shaded lavender, feathered white and a white throat. 12 to 15 four inch or larger florets open at once are commonly obtainable. Tall spikes, long flowerheads. Wiping out the record for a fresh start. Most open, Pac. N. W., section champion at 3 Iowa shows and at Minn., also grand champion at N. E. Mich. (1sts at 5 other shows), all '40. Five more in '41 including most open at Ind. and Grand Champion at Pacific N. W. L .08 M .05 Blts. (100, .30).

KING ARTHUR 85 **—† Dec. Very deep toned lavender. Only 4-5 open at one time. Has large, ruffled florets with crease thru center of each petal. Bloom form and color much admired by many. Utah, Grants Pass and N. E. G. S., '39. Utah, Iowa and E. Bay, '40. 15 firsts in '41 including most ruffled at both Ohio and Midwest. L .06 (100, 4.00).

LAVENDER RUFFLES (Wilson) 69 *—††† Dec. Com. Delicate lavender, cream throat lightly peppered lavender. Ruffled. Petals slightly recurved. 4½-5 in. florets, 5-6 open, 19 buds. Tall. Blooms readily from blts. Entered as an Exh. variety it won over Minuet both at Wellsville and at Ohio, '39. We would not classify it as Exh. At Wellsville it also won the award "Most Beautiful Bloom in the Show." Firsts, 2 at Westport, Conn., 4 at Algona, 2 at Wellsville, O., Conn., 3 at Ohio, two of them our 3 spike and arrangement, also our 3 spike at Mich., all '40. 16 firsts in '41 reflect its rising tide of popularity. L .10 M .07 Blts (100, .25).

MINUET 98 *—††† Exh. Clear, blue cast lavender. One of Ohio's outstanding originations. 2nd best glad, all colors in latest N. E. G. S. and 7th in C. G. S. symposiums and tops the list in both in its color class. Wiping the slate for a fresh record. Firsts at E. Bay, E. S. G. S., C. G. S., Grants Pass, Ind., Hamilton Dist., Mich., Md., Ohio, Pa., Utah, and Wash., all '40. Over 30 firsts in '41. L .06 (100, 4.00).

PURPLE—70 Series

HERBSTFREUDE (Holland) 90 **—†† Exh. Com. Clean, light purple, deep violet throat mark. Large florets, smooth petals, wiry stems. Should prove a better commercial than Takina. Our 1st, Ohio, S. E. Mich. and Wisc., all '41. L .50 M .35 S .20 Blts (100, \$4.00).

MRS. MARK'S MEMORY (K & M) 88 ***—†† Exh. Largest purple glad to date. We have had blooms well over 8 inches on strong, tall spikes. Has a small dark carmine throat mark. A sensational Exh. variety. We break the ice for it in U. S. with a 1st at Mich., '40 In '41, 2 firsts at Wash., one for tallest spike. L \$1.50 M \$1.00 S .60 Blts .15.

PURPLE BEAUTY (Roozen) 88 **—††† Exh. Com. Shining purplish violet. Self color. Extra large florets of strong substance. Spike is tall and well formed. Somewhat ruffled. This will soon become the most popular commercial purple. N.E.G.S., Wisc. and our 1st Mich., '39. 8 firsts in '41, including Ohio, Wash. and N. E. G. S. L .15 M .10 Blts (100, .50).

PURPLE SUPREME (Wilson-Evans) 85 *—†††† Com. Color clean, bright purple with halo effect produced by distinct, lighter picotee edge. 5 inch florets, up to 9 open with 7 more in color, 18-20 buds, well over 5 ft. tall with flowerheads ranging up to 30 inches. H. M. at E. S. G. S. and section champion at Ohio, '41. Award of Merit, Ohio, '42. L \$1.50 M .80 S .40 Blts (100, \$5.00).

TAKINA 90 ***—††† Exh. Rosaline, lilac purple. Lightly flaked a darker shade. A spike of Takina on our winning "Connoisseur" display at the national show, Akron, '36, created a commotion. Has been exhibited with 8¾-inch florets, 9 open and has been grown to a height of 7 feet. Our blooms have reached 8 inches with 7 open, close to 6 ft. high. F.C.C., N.Z.G.S., '34. Aukland G.S., '36. Ames (Ia.) and Yakima, '37. Ohio and Regina, '38, Wisc., Grants Pass, '39. Calgary, C.G.S., Me., Wash., Wellsville, O., and Winnipeg, '40. 11 firsts in '41 including Ohio, Wash., several at N. E. G. S. L .08 M .05 Blts (100, .30).

LIGHT VIOLET—76 Series

ALLEGRO 80 +†† Com. Light lavender-blue. Two dark blue blotches ending in white arrow points. Good cut flower habits and one of the very best performers among the "blues." F. C. C., Haarlem. Probably the best color value in this light blue group. Likely the best hybridizing agent as well. Firsts at Ohio, Wash., Wisc., and Midwest, '41. L .12 M .08 Blts (100, .60).

BLUE BEAUTY (Blaue Schonheit) 80 *—††† Com. Medium light blue with edges of petals overlaid violet blue. Throat somewhat lighter on upper petals, darker on lower containing a small white mark, V-shaped. Large, wide open florets, 8 open, 20 buds, on a long, strong spike. F.C.C., Haarlem. Won Certif. of British G.S. offered at Haarlem, '36, for champion bloom of the show. First blue in history to achieve show championship. 12 firsts in shows we are reporting, including our 1sts at S. E. Mich., and Mich. '40. Tops its color section in C. G. S. symposium. 16 firsts in '41, including Minn., Midwest, N. E. G. S. and S. W. Va. L .08 M .06 Blts (100, .40).

BLUE WONDER (E. Both) 95 *—††† Exh. Medium light blue violet 5 inch florets. 10 to 16 open, 23 buds, 55 inches tall. Placement excellent, substance good, foliage up to 3 inches across. If flower is bloomed out in hot weather in garden we suggest staking so massive a spike. This variety won Champion bloom as a seedling in the South Australian G.S., '35. We register the first win with Blue Wonder at Ind., '38, Ohio, N.E.G.S. and our 1st Md., '39. Ill. and our 1st Mich., '40. We took firsts at Mich. state, S.E. Mich. and two at Wisc., '41. Stocks are quite limited. L .20 M .15 Blts (100, 50).

RAYSHEEN 80 *—††† Dec. Com. Delicate, soft tones of medium light blue violet, with slight deeper feathering and a small, soft yellow mark on lip petal. Very vigorous grower and best propagator we have ever discovered among the blues. We have reports of some crooking in extreme weather and a few did for us but this variety consistently gave us the largest flowerheads of any in this color section. Our 1sts at Ohio and Ind., '38. Three 1sts Ohio (one ours) and our 1st Mah. (2nd show), '39. Three 1sts at Ohio (2 of them ours), '40. Ind. and N. E. G. S., '41. L .25 M .15 Blts (100, .80).

WINALL (E. Both) 98 *—††† Exh. Com. Bluish, medium mauve violet with harmonizing deeper blotch. Tall, exhibition spikes with 8-10 open, 18-20 bud. Very unusual color. Reminiscent of Marmora but deeper, and likely, better

color. Powerful grower, good propagator, does not bloom well from small bulbs but otherwise has good cut flower characteristics. A promising new one. Our 1st Ohio and Mah., '39. Three firsts for us at S. E. Mich., '40. In '40 we had dozens of spikes with 10 open on the plants in the field. 10-12 open in field corroborated by field test by W. Va. Glad Soc. in '41. Our 1st, Wisc., '41. L .20 M .15 Blts (100, .40).

DARK VIOLET—78 Series

BLUE ADMIRAL 95 *—††† Exh. Com. Clear, deep violet. Sturdy spikes, tall and straight. Tops color section in C.G.S. symp. Ia., E. Bay, Cedar Rapids, Ames, Mah., Mich., and Pa., '38, Mich., N.E.G.S., E. S. G. S., '39. C. G. S., Calgary, Iowa, Ill., E. S. G. S., N. E. Mich. and Wash., '40, 12 firsts in '41. We finally got tired of having Pelegrina fall over in the field, though we acknowledge its color value was superior to Blue Admiral. L .06 (100, 4.00).

OBERBAYERN (Pf.) See in new 99 color section.

RUDOLPH SERKIN 90 *—††† Dec. Pure, dark pansy blue of a strong shade which does not fade. Round petals, well expanded florets. This is Pfitzer's own improvement on Pelegrina in color, size and texture. F.C.C., Haarlem, '35. B.G.S., '35. Metro. (NYC), '35. To see it is to want it. Very scarce. At the Metro., '37 show it won a sweepstakes of designation new to the glad shows, namely "Most Beautiful Bloom in the Show." Ohio, '38. W. Va., Ind. and Wash., '41. L .10 M .06 Blts (100, .50).

TUNIA'S BLUE (E. Both) 110 **—†† Exh. Dark blue violet, about a shade lighter than Pelegrina. Some feathering of white. Vigorous grower. Largest floret among the blues. Average propagator. Wellsville, O., E. S. G. S. and our 1st S. E. Mich., '40. Ohio and our 1st Wisc., '41. L .15 M .10 Blts (100, .40). Stocks limited.

SMOKY—80 Series

CHIEF MULTNOMAH (Ellis) 90 **—††† Exh. Giant florets of smoky mahogany with large red blotch, holding many open on immense flowerheads. Very spectacular. Powerful grower. Mich., Sec. champ E. S. G. S. and our 1st at Ohio was among the several spikes considered for grand champion, all '40. Five firsts in '41. L .12 Blts (100, 1.00).

FLYING FORTRESS (Wilson-Evans). See page 14.

GRAY DAWN (Both). See page 14.

HIGH FINANCE (Wilson) 95 *+†††† Com. Smoky light violet orange, cream throat. Light flecking at tips of petals. Some ruffling. 5 inch up florets, 8-9 open, 21 buds, flowerheads almost all over 2 ft. long, entire spike 5 ft. tall. Strong stem. Was champ seedling and grand champion of the show at 2nd Mah. show, '37. Won in Recent Intro. sec., Ohio and for longest flowerhead at W. Va., '41. Award of Merit, Ohio, '42. **L .40 M .25 S .15 Blts** (100, \$3.00).

MISTY DAWN (Rich) 98 ***+††† Exh. Color soft, smoky gray salmon with light bluish flakes at edges. Spectacular, large orange red blotch. Immense, round petalled florets 6-7 inches, 6-9 open, 16-18 buds, 22-28 inch flowerheads, height about 5 ft. Spike is generally straight, placement good. Substance fairly good for so large a floret. Rapid propagator. "Honorable Mention," E. S. G. S., '39. "Award of Commendation," E. S. G. S. and our 1st, single spike seedling, Ohio, '40. Won at 2nd Ohio show, Mr. Hopkins' giant spike with 9 open won at Wisc. and at E. S. G. S. it won 3 firsts and the Empire society Award of Merit, all '41. Shown with 11½ open florets for "most open," Empire, '42. **L .40 M .25 Blts** (100, \$2.00).

PASTEL (Both) 95 *—†† Dec. This is the perfect pastel blend smoky. Rosy, velvety gray, with petals edged steel blue. Color is soft, smooth, without glitter. 4½-5-inch florets, round petalled, wide open. Good propagator. **L \$1.00 M .75 Blts .10**.

TUNIA'S MAHOMET (Both) See page 15

ZUNI 92 *—††† Exh. Salmon and slate with some light orange salmon feathering. Will fade slightly if opened in strong sunlight. Ruffled. 10-12 open with good placement. Vigorous grower. Blooms well from smaller sizes, fast propagator and bulblets perform exceptionally well. New. A.M., Md. G.S. Trial Grounds, '37. Grand Champion, Grants Pass, '38. Wisc. and Grants Pass, '39. C. G. S., Conn., E. N. Y., Md., Me., Iowa, Ohio, Wash., Winnipeg, Sec. champ at E. S. G. S. and Cedar Rapids and Grand Champion Thunder Bay (Port Arthur) all '40. 10 firsts in '41. **L .08 (100, \$5.00) Blts (100, .25)**.

ANY OTHER COLOR—90

R. B. (Upton) 90 ***—††† Exh. Huge rusty golden brown, or henna, on an old rose base. Strong grower, fast propagator. Giant florets from **M** and **S** bulbs as well. R. B. made sensational progress in 2 years. Largest floret at E. N. Y. and Conn. in '40. In '41 it secured 14 firsts including SW Va., Midwest, Ind., largest floret at N. E. G. S., E. N. Y., and for us at Mich. We also won with it at 2nd Ohio show, in R. I. sec. at Mich. and S. E. Mich. and won 2 Canadian Glad soc. Medals for us for best Canadian origination at Ohio and Mich., all '41. See '42 Winner Tabulation. **L .25 M .15 S .08 Blts (100, \$2.00)**.

VAGABOND PRINCE 97 *—††† Exh. Irrescent, garnet brown, lighter in upper throat, small flame scarlet blotch below. 8-10 open. The color combination is very attractive, as well as unusual. If you like striking, novelty color combinations, we suggest you waste no time acquiring this one. We get spikes from small bulbs comparable with those from Peggy Lou. We have record of 18 firsts in shows we are reporting, also Sec. champ at Md., Iowa, N. E. G. S., and Algona, all '40. Rates No. 5 in N. E. G. S. and 8th in C. G. S. symposiums and tops color section in both. Classified "Any Other Color" in C. G. S. Rates 2nd only to Peggy Lou in last Ohio symposium. 33 firsts in '41, including Grand Champion at Ames. **L .07 (100, \$4.00 Blts (100, .15)**.

BICOLOR—99 Series

BEACON 90 *+†† Exh. Brilliant, clear colors. A rather dark rose, approaching scarlet. Pronounced creamy blotch. Florets slightly waved and ruffled. 8 or more open. Tall, straight spikes. Color is both distinctive and striking. If you are looking for a "showy" glad, with color of "quality" thrown in for good measure, here it is. Latest record slate: Cedar Rapids, E. N. Y., E. S. G. S., Ind., Md., Mich., N. E. Mich., Wellsville, Utah and Sec. champ at both Iowa and Sioux City, all '40. 16 more firsts, including grand champion at Utah, '41. **L .08 (100, 5.00) M .04 (100, \$2.50 Blts (100, .20)**.

EXCELL (E. Both) 85 *—††† Exh. Perfectly clear, rosy pink, with white line through center of each petal, except that lip petal is clean white, surrounded by a thin edge of the rosy pink. Five inch florets, 8 open (we have had 12). Lots of bud color. Attachment of floret to stem is somewhat at fault. If you are looking for a genuine beauty, here it is. 1st and Champ. Vase, all colors, So. Australia G. S., both '36 and '37. Our '41 records report a 1st at W. Va., two at Ind. and ours at Mah. and Ohio. **L .20 M .10 Blts (100, .75)**.

"Bulbs received, many thanks for what sent, it was well I did not wait until March or you probably would have sent me half your stock. You certainly sent enough overs to pay the express charges several times, thanks again. 2-17-'42. L. P. B., Needham, Mass.

OBERBAYERN (Pfitzer) +†† Dec. Com. Very interesting novelty. The throat marking is extra large, so that one might almost call it a cream glad with extra wide edging of dark blue. Color is dark aniline blue with much cream in the throat. In fact the two lip petals are almost entirely cream and the other petals carry a narrow cream stripe. The florets are about $3\frac{1}{2}$ inches dia., very round and wide open. About 5-6 open, well placed on plant and thin, wiry stalks all in good proportion. Fairly good propagator but stocks as yet very limited. Each L \$3.00 M \$2.00.

PINOCCHIO (Evans) 75+†† Med. Dec. Com. A true Novelty gladiolus. Color is a novelty blending of pink, yellow, green, orange and red without emphatic preponderance of any one of these colors.

At a distance the yellow, orange and red give it a prevailing orange tone and thus it was classified as orange. Perhaps "any other color" might be correct. Florets are of heavy texture, $3\frac{1}{4}$ - $3\frac{1}{2}$ inches, are round, wide open, intensely ruffled and fluted. Placement airy on stretchy spike 50 inches high. Flowerhead 24 inches on wiry stem well above the foliage which is a bit short. Good propagator, large bulb-lets, most of which bloom. On its first appearance in the shows it won 1st, 3 spike Dec. seedling, Section Champ. Dec. seedling and A.M. (84½ points) at Ohio, '39. Our 1sts Ohio and Mich., '40. 1sts noted at Ind. and Utah and our firsts at S. E. Mich., Wisc. and 2 at Ohio, '41. 8 Firsts recorded in '42 Winner Tabulation. Exhibitors have overlooked its chances to win for "most ruffled." L .20 M .15 S .10 Blts (100, \$2.00).

COLLECTION OF PATENTED GLADS

California

Grand Opera

Helen of Troy

King of Hearts

Sir Galahad

One each, Large size only, separately labeled for \$1.25 Net

Three each, Large size only, separately labeled for \$3.25 Net

When Grand Opera or any other is sold out we will double on another.

LEAD YOUR FRIENDS and NEIGHBORS — HOW TO DO IT

Simple as can be. Inexpensive, too. Plant healthy, young bulbs of the large size of varieties currently winning first prizes in the major shows of the world. Soil prepared in the fall with heavy applications of well rotted cow manure and bone meal is excellent. Avoid horse manure in any season. Plant in the sunniest location possible. Shelter from strong winds is desirable. Preferably in a group planting by themselves. They can be at their best in rows among the vegetables.

Plant large bulbs 5 inches deep, medium bulbs 4, small bulbs 3 and bulblets 2. If soil is extremely sandy plant somewhat deeper. If very heavy, somewhat less deep. For best bloom production set bulbs apart in row roughly about 4 times their diameter. Sow bulblets thickly, like peas. Distance between rows as little as will permit of your particular method of cultivating, weeding, etc.

Do not make them compete with other roots of trees, shrubs or weeds. Cultivate often and close, keeping surface loose.

Most of us already know that gladiolus prefer a somewhat acid soil. Silt and sand in the composition of your soil is valuable. Avoid lime unless needed to cure a superacid

condition (expressed pH 1 to pH 4). Likewise avoid, more importantly, super alkaline soils (pH 8 to pH 14). Neutral is pH 7, but pH5 to pH6 is what you should strive to obtain. Your nearest State Agricultural Experiment Station will test samples (a pound or two) of your soil for acidity rating or will advise you how to do it. A well drained soil will have much to do with your cropping disease free bulbs, particularly if dug after a wet fall.

If a heavy application of cow manure (3 to 6 inches deep) and coarse bone meal (25-30 lbs. to 500 sq. ft.) was applied in the fall and the ground left rough, no more fertilizing need be done the following year.

If fall fertilizing was not done, well rotted cow manure may be worked into the soil before planting. After the trench is dug, if soil is heavy, it will be beneficial to spill an inch of fine sand on the bottom before setting the bulbs. If sand is dry it can easily be spread with a sprinkling can with the rose removed from the spout. After the bulbs are set and one half of the excavated soil is returned over the bulbs to protect them from fertilizer contact, a handful of (2-8-10) or of superphosphate, such as (0-16-0) and (0-20-0) may be spread along about 4 ft. of row. This is in lieu of the fall application of the slower bone meal.

If cow manure is not available, you may now substitute in addition to the (2-8-10) or superphosphate used, about 2 handfuls of prepared sheep manure (baked to kill weed seeds) per 4 ft. of row before filling in the upper half of the trench.

Pack the soil a bit (carefully if the bulbs are sprouted) to assist in rapid capillary attraction and speedy growth. If soil is very dry at planting time, drench with water heavily, to penetrate six inches. Thereafter, until time when flower buds can be felt in the stalks, use water very sparingly. Of course, if little or no rains for 15 or 20 day periods drench again and keep the plants well weeded and cultivated.

During the bud to bloom stage is the one time it is desirable to keep the ground definitely on the wet side. Next to impossible in well drained location to get it too wet at this stage. Naturally, if the soil be wet and soft and high winds come, some tall and heavy plants may go over, bulb tilting in the soil and tearing roots, if permitted. We consider it advisable to use some method of staking if the soil is kept extremely wet at this stage. We use some 6 ft. steel stakes, $\frac{3}{16}$ inch diameter and rubber bands. The stakes are inconspicuous and if blooms are cut can be readily moved to other spikes throughout the season.

After the peak of bloom season, if weather becomes extremely hot and there appears any tendency of the stems to soften somewhat, this extra watering may be concluded and very shallow cultivation continued through the balance of the blooming season if you can still get in among the plants to do so.

Whatever general fertilizing method may be used, a "shot in the arm" type may be used on a few or all plants just as the early buds begin to form in the stalks. Use a handful of dried blood meal for about 5 to 10 plants or a handful of ammonium sulphate to about 10 to 15 plants, scratching it in several inches away from the plants. Soak the ground heavily the day before so that the plant will be saturated and in strong growing condition, thus withstanding a shock which might otherwise burn off the rootlets, turn the foliage yellow and stop further growth. This will increase the size of the florets and the length of the spike.

Above formulas are maximum. Many would consider them extreme. We do not remotely approach these extremes ourselves as our aim is a bulb crop and the blooms incidental. But a large number of our customers have used these methods with highly gratifying results.

Purely for commercial bulb production we recommend use of 2-8-10 or better still 3-9-18 applied about 1000 lbs. per acre, disced in just before planting or otherwise applied in manner to safeguard the bulbs from actual contact with the material.

Particularly in hot weather, spikes which are cut when but one or two florets are open, fill out with more open at a time when bloom-ed indoors in the light but not sunlight, away from any breeze, making better exhibition spikes and preventing any fading of colors such as is sometimes found in some of the finest orange scarlets, as well as preventing wilting of varieties without strong substance. Cut stem slantwise to provide larger drinking area and place in water at once to avoid air pockets in stem. Allow three or four leaves to remain on the plant to mature the new bulb which is hardly half grown when spike is cut. At least six more weeks are needed to mature the bulb, except where blooms are from large bulbs of very late sorts, or where blooms arrive at late season from young planting stock.

BULBLETS

The little hard shelled bulblets will not germinate until moisture reaches them. Therefore, it pays to keep them on the moist, almost continuously wet side to rot the shell until they begin to appear. Bulblets in quantity may be bagged, kept moist by occasional immersion in warm water and in a warm place, for a week or so, to hasten the shell rotting process. If some start rooting, plant all. If expensive bulblets in small lots, you may chip off a fragment of the shell with point of a small pocket knife, using care not to injure eye or root base. Plant early, as soon as ground warms in spring.

DON'T'S ON DIGGING

Do not leave part of stem on bulb, cut close and burn the tops.

Do not leave bulbs to dry where frosts can reach.

Do not pile deeply. Quick drying (not in hot sunlight) is extremely important to prevent spread of diseases in storage.

Do not remove roots and old bulb for some weeks unless old bulb is soft or shows decay. Wait until they separate with ease and without tearing the new root base. This waiting period is the most desirable time for sprinkling your bulbs lightly with naphthalene flakes. See paragraph on that subject.

BULB SURGERY

A few specks of disease spots, wire worm injury or scab may be gouged out without the slightest harm to the plant provided the bulb retains a good eye and root base. Cutting out these segments only cuts away that much food to start off the new plant. Best dust the cut surface with powdered charcoal. Next best common sulphur or at least dry until bleeding stops before planting.

Or wipe the cut surface dry with some paper towelling and then paint well with melted paraffin.

You may do these things any time during the storage period, too, or just rely on corrosive sublimate treatment to clear them up.

A plump bulb of $1\frac{1}{4}$ inches diameter has plenty food to start production of a show specimen spike. If the bulb is 2 inches or more in diameter it may have two or more prominent eyes or sprouts, indicating that it will make as many stalks and spikes. Now this one bulb cannot be expected to make two or more spikes of the same show specimen quality it would produce if held to a single eye and spike. If you want to bring renewed youth and vigor to your old jumbo bulbs and beat the other fellow, just disbud the bulb, i.e., gouge out all eyes except the most prominent one, just as you gouged out the little specks of scab or disease, dusting as before. We are of opinion that bulbs may be lost by this process only by failure to heal the cut surface sufficiently before planting.

NAPHTHALENE FLAKES

We highly recommend this simple and economical treatment. If you allow thrips to feed upon your bulbs they will suck the juices, injure the eyes and rootlets and growth will be retarded and inferior flowers produced, even if you eventually kill them off at planting time by some treatment. Avoid crude naphthalene or camphor or para-dichlorobenzene as they may contain creosote or other injurious chemicals. The best time to use it as soon as the roots are considered too dry to suck any naphthalene into the bulb. Maybe a matter of hours or a few days, depending on drying methods. Do not apply to bulbs from which the old bulb has just been removed, as the severed area is moist for a while and the naphthalene might soak into the bulb. It is safe both to the user and to the bulbs, during their **dormant** period of storage, even when an overdosage is used, provided the bulbs are fairly well dried. One ounce (4 level tablespoons) sprinkled on each 100 large bulbs or equivalent in bulk of smaller sizes, is sufficient if bulbs are stored in closed bottom container. If screen bottom or in onion sacks, double the amount. Will kill insects promptly and gases will continue for several weeks, killing the larvae as soon as hatched. Allow to remain at least 3 weeks. But note they will not hatch under 50 degrees. Do not completely cover the bulbs as evaporation takes place constantly and to prevent it will make the bulbs first damp, then mouldy, then susceptible to rot and diseases. Applying the flakes in a closed paper bag is safe for a few weeks if bulbs be dry, since some moisture can escape. Avoid wax or oil paper bags since moisture could not escape. If roots and old bulbs are removed several weeks after application, any naphthalene remaining may be removed. If the flakes have not entirely evaporated by the time little root knobs and eye sprouts emerge, showing bulb is no longer dormant, shake out any remaining. Do not use any naphthalene in the trench at planting time since it is safe only to the dormant bulb.

CORROSIVE SUBLIMATE

Also known as mercuric chloride treatment.

This produces such wonderful results, with so little effort, with so little cost, that no one, whether he grows a bed of glads four foot square or four acres, should fail to so treat his bulbs. Regardless of where or how the bulbs grew the preceding year. This gives the bulb a coating that wards off various bulb diseases and fungus attacks. We used to keep our bulbs healthy by this process long before we ever heard of thrips. Now, it has been conclusively proved, this treatment also kills any thrips and their eggs, and, if used, you only need keep a watchful eye for thrips infestation from outside sources. Remember soaking processes are only advisable just before planting. This is not a fall treatment. If your bulbs are husked, they need only be soaked half as long, but we do not advise husking unless you know your bulbs are infested badly and you wish to take no chances on penetration to the bulb. Many have inquired if the treatment is safe to use on badly sprouted or rooted bulbs. This will not harm them.

We read an article in a Canadian "quarterly" by someone who called himself "I Dip-pem," who said he had a lot of little batches. To keep them separate he obtained some of the women folks' old stockings, slipped a batch into a toe with wooden label, tied the stocking above the batch and so proceeded until all the batches were conveniently ready to soak, remove and drain.

Note Important Revision of formula by U. S. Dept. Ent. to allow additional time for penetration of stubbornly tight husks.

Dissolve 1 oz. of the powder first in a bit of hot water, then pour into 7 gal. of water, preferably above 60 degrees. Remember, cold water may render the treatment ineffective. This must be poured into a non-metal container, such as a crock, wooden pail, glass or unchipped granite ware. Varieties kept separate in cloth bags. No difference if bulbs are then planted wet or dry, but the sooner the better as much of the coating may be lost if bulbs become dry. Solution weakens with use, so replenish 100% if used again. Soak 12 to 17 hours, preferably night before planting. Be sure bags are fully immersed. Do not use this substance in tablet form unless you learn exactly how much of the tablet, in weight, is actually corrosive sublimate. You want a final solution of about 1-1000. This solution is safe to the hands but is a deadly poison and must be used and disposed of with extreme care.

Our bulbs get the naphthalene treatment a week or two after digging, the Ethylene gassing late January and the unsoiled bulbs get the corrosive sublimate before planting. Advertising "treated" bulbs means little unless you know the method used and when last used.

ELGETOL SPECIAL

If priorities remain effective, precluding purchase of corrosive sublimate for horticultural use, it will be well to know of the experiments conducted by Prof. E. I. McDaniel of the Dept. of Entomology, Mich. State College of Agriculture, who anticipated the scarcity and priorities problems and conducted 24 different tests on 2000 gladiolus bulbs at 4 different concentrations for 6 differing periods, using ELGETOL SPECIAL, a water soluble chemical containing as its base sodium dinitro-ortho-cresylate and a penetrator closely associated to the aromatic sulphates. Treatment was applied just before planting. All tests appeared to be highly successful in killing both thrips and eggs. The particular formula tentatively recommended is 1 qt. ELGETOL SPECIAL per 100 gal. of water and bulbs soaked 4 hours without removing husks and operation conducted outdoors as the material is known to possess a certain fire hazard. Normally, these experiments would have been continued several more years before publication.

This product is manufactured and sold by Standard Agricultural Chemicals, Inc., Hoboken, N. J., who sell it at the rate of \$1.25 per pt. or \$2.00 per qt., delivered (put up in glass jars). However, we question if it will be supplied in single pt. or qt. lots, so unless one person needs or a group asks for a case lot, even this material may be hard to obtain. This is last minute information.

TARTAR EMETIC SPRAY FORMULA REVISED

Several years ago the U. S. Dept. of Entomology discarded the old paris green formula for Tartar Emetic. Since tartar emetic-sugar spray is capable of causing severe flower injury the department tested dosages of lower concentration than first recommended in effort to minimize this damage.

The latest revised Tartar Emetic formula follows: Use either U. S. P. or Technical grade. 2 lbs. tartar emetic, 4 lbs. brown sugar, 100 gal. water.

Interpreted in smaller quantity the new formula reads 1 oz. Tartar Emetic, 2 oz. brown sugar, 3 gal. water.

Never combine other insecticides with tartar emetic-sugar spray as they usually include spreaders which spoil the effect of the bait spray.

To those of you who decide to use Tartar Emetic we suggest that you change to Rototox as soon as blooms appear and thus avoid sticky blooms and foliage. See information on Rototox on following page.

Avoid using sticky Tartar Emetic on open blooms.

If sugar, brown or white, is unobtainable, the U. S. Dept. of Entomology suggests substitution of 1 tablespoon of (a) light or dark New Orleans type of molasses (made

from sugar cane) or of (b) one of the commercial corn syrups containing small quantities of granulated sugar or of cane syrup **for each gal. of water** ($3\frac{1}{4}$ pts. per 100 gal.)

If Tartar Emetic is scarce or controlled by priorities this growing season, the U. S. Dept. suggests the substitution of S A L P (sodium antimony lacto phenolate) at the rate of 2 tablespoons per gal. of spray (6 pints per 100 gal.) S A L P may be purchased from Merck & Co., Rahway, N. J., or Mallinckrodt Chemical Works, 3600 N. 2nd St., St. Louis, Mo., or Calif. Spray Chemical Co., Richmond, Calif.

ROTENONE

Rotenone sprays in general and Rototox in particular were the best insecticides but, like rubber, the greater part of it came from Malay and East Indies and the government promptly "froze" the material and directed its further use only for certain fruits and vegetables. Effort is being made to increase imports from Brazil but we doubt if it will be available this growing season.

THRIPS

If thrips appear on your plants they must be controlled before the bud spikes emerge from the foliage. Watch for any silvery gray streaks on the foliage. If permitted to increase unmolested they will extract juices from the buds resulting in a burned appearance, they will eat streaks of color off the petals even before they unfold and if they unfold at all, the petals may crimp up their edges and dry to a dull brown. Even the young, lemon colored thrips may do this damage to the bud so it is important to kill such adult thrips as may arrive before they lay eggs, also because the young have the bad habit of staying inside the bud and crevices of the plant where they are hard to reach with insecticides. The silvery gray (feeding) streaks on the foliage, in badly infested cases, turn brown, stopping both plant and bulb growth.

In our opinion, thrips come more into the open during the hours of 4-6 P.M., so spraying is most effective if done at that time. Also, the less heat the safer for the plants and evaporation is retarded. If plants are thirsty when spray is applied, spraying hazards are increased. Plants should be well watered but the foliage should be dry before the spray is applied. Spraying but one part of the patch only is inadvisable on account of the migratory habits of the insect.

Above all, we beg our readers not to put off inspecting the plants for thrips infestation until blooms appear. If they already have a good foothold at that time you may have a very discouraging task on your hands.

We recommend **preventive** spraying, once every 10 days after plants are up 6 or 8 inches until blooming. In any event, have your insecticide on hand to use if needed.

GLADIOLUS SOCIETIES

There are now upwards of forty state and regional societies in the U. S. and twelve provincial or regional societies affiliated with the Canadian Gladiolus Society. Several each in Australia and New Zealand. National societies in England, Holland, Belgium and Germany. Upon request we will assist you to contact your nearest society.

In the U. S. the **New England Gladiolus Society** is the outstanding society with respect to publications. "Regular" membership, \$1, entitles you to the 250-page Annual. "Supplement" membership, \$2, entitled you further to the three 36-page supplements published April, July and October. Albin K. Parker, Secretary, Norwood, Mass.

"Affiliate" membership in the N. E. G. S., at \$2.15, entitles you not only to the Annual and 3 or more Supplements, but also to full membership in any one of the following affiliate societies: Blue Ridge (Hagerstown, Md.), Calgary, Conn., E. Bay (Calif.), Eastern N. Y., Empire (N. Y. state), Ill., Ind., Iowa, Maine, Md., Minn., Nebr., Ohio, Pa., Pacific N. W., S. E. Mich., S. W. Va., Utah, Verdun (Que.), Wash., Wellsville (Ohio), W. Va., Winnipeg and Wisc. Fee for these "Affiliate" memberships should be paid to sec'y of the affiliate society.

The N. E. G. S. '43 Annual will contain interesting articles on New Varieties, Culture, Registrations, Parentage List, Research, Recent Introduction List, Classification, etc.

The Canadian Gladiolus Society publishes an Annual of about 1-200 pages. This society conducts a Symposium and Rating of about 600 of the foremost gladiolus varieties of today, classifying them into 21 color groups, rating them skillfully within their respective color groups. This feature alone is sufficient to make their publication outstandingly valuable. Affiliated societies are Calgary (publishes an annual), Edmonton, Hamilton, Oshawa, Quebec, Regina, Saskatoon, Thunder Bay, Truro, Verdun (Que.), Wilkie (Sask.) and Winnipeg.

The Midwest show, sponsored by 9 midwest societies, Ill., Host. will be at Garfield Park Conservatory, Chicago, Aug. 14-15, '43.

The N. E. G. S. show will be at Horticultural Hall, Boston, Aug. 18-19, '43.

The mounted **Fischer Color Chart** (108 color blocks) is again available. Send us \$2 and we will have one shortly in your hands, postpaid, together with printed instructions.

British Gladiolus Society. Activity suspended for duration of the war.

Calgary G. S. \$1 (Annual). Geo. A. Barrs, 1705-24A St. West, Calgary, Alta.

Canadian Gladiolus Society, \$2. (Annual). Mrs. J. A. Carleton, Sec'y., 166 Willow Rd., Guelph, Ontario, Canada.

Empire State G. S. \$1. (Eight Bulletins). Charles Engelder, Sec'y, Madison St., Wellsville, N. Y.

Illinois G. S. \$1. (Regular Bulletins). D. B. Creager, Sec'y, 507 N. New St., Champaign, Ill.

Indiana Gladiolus Society, \$1. (Bimonthly Bulletins). Paul T. Ulman, Sec'y, Noblesville, Ind.

Iowa Gladiolus Society, \$1. (Monthly Bulletin). Dwight F. Davis, Sec'y, 2831 Williams St., Sioux City, Ia.

Maine G. S., \$1. (Annual). Mrs. George J. Walenta, Sec'y, South China, Maine.

Michigan Gladiolus Society, \$2. ("Horticultural News," official monthly publication of the Mich. Hort. Soc.) Paul R. Krone, Sec'y, 666 Snyder Rd., East Lansing, Mich.

Midwest Gladiolus Societies. \$1. (Quarterly Bulletins). L. E. May, Sec'y, 2158 West 107th Place, Chicago.

Ohio State Gladiolus Society, \$1. (Quarterly Bulletins). W. W. Wood, Sec'y, Rudolph, Ohio.

Wisconsin G. S. \$1. (Wisconsin Horticulture," official monthly magazine of the Wis. State Hort. Soc.) Otto Kapschitzke, Sec'y, 1710 Illinois Ave., Sheboygan, Wis.

FREE BULBS

Here is how. This offer is only to secure new members, not renewals and cuts your membership fee in half, as you will readily see.

To all customers sending in Retail orders of \$5 cash and up. If you will also transmit to us your check or money order made out to any of the above societies, in the full amount for one year new membership fee, we will transmit same to such society and you may add to your order bulbs of your own selection from our catalog (at list prices, no further discounts) to the amount of one half of such membership fee.

Illustration: A customer sends in \$5, or larger retail order and selects the Ohio-N. E. G. S. affiliation, enclosing \$2.15 made payable to the Ohio society. He selects and adds to his order \$1.08 worth of bulbs (at list prices), without charge. We do the rest.

FREE MEMBERSHIP

To all customers, including foreign, whose purchases at Retail net \$25 or more, provided such customer is not already a member, we will give a paid-up one year membership in the Canadian Gladiolus Society, the New England Gladiolus Society or any other membership or combination membership above described that will not cost us more than \$2.15. Or the \$2.00 mounted Fischer Color Chart.

This page is not a gesture. It has been costing us in the neighborhood of \$200.00 in cash and bulbs for many years.

BEDFORD, OHIO

Please write plainly

Street

(Currency is unsafe)

Box

Postoffice

194

State

Express Address

Delivery wanted how (prepaid or F. O. B.)?

No Sales Tax in Ohio on Gladiolus Bulbs

TERMS: CASH WITH ORDER

ORDER BLANK—Continued

[illegible]

SHALL WE SUBSTITUTE? If cannot supply kind ordered, shall we send another of equal or superior quality, subject to your approval? We are so careful and liberal when making substitution that we have yet to receive the first complaint! Answer is particularly desirable if order comes in late season.

Your answer.....

Any suggestions about extras? By overcount? By oversizing? By varieties other than those ordered?

If latter, suggest a few

Remarks:

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"You said you were going to make a real exhibitor out of me and from the looks of a certain box that has just been opened I believe you have done all that is humanly possible toward that end. Thanks a million." 4-7-42. W. J. F. Michigan City, Ind.

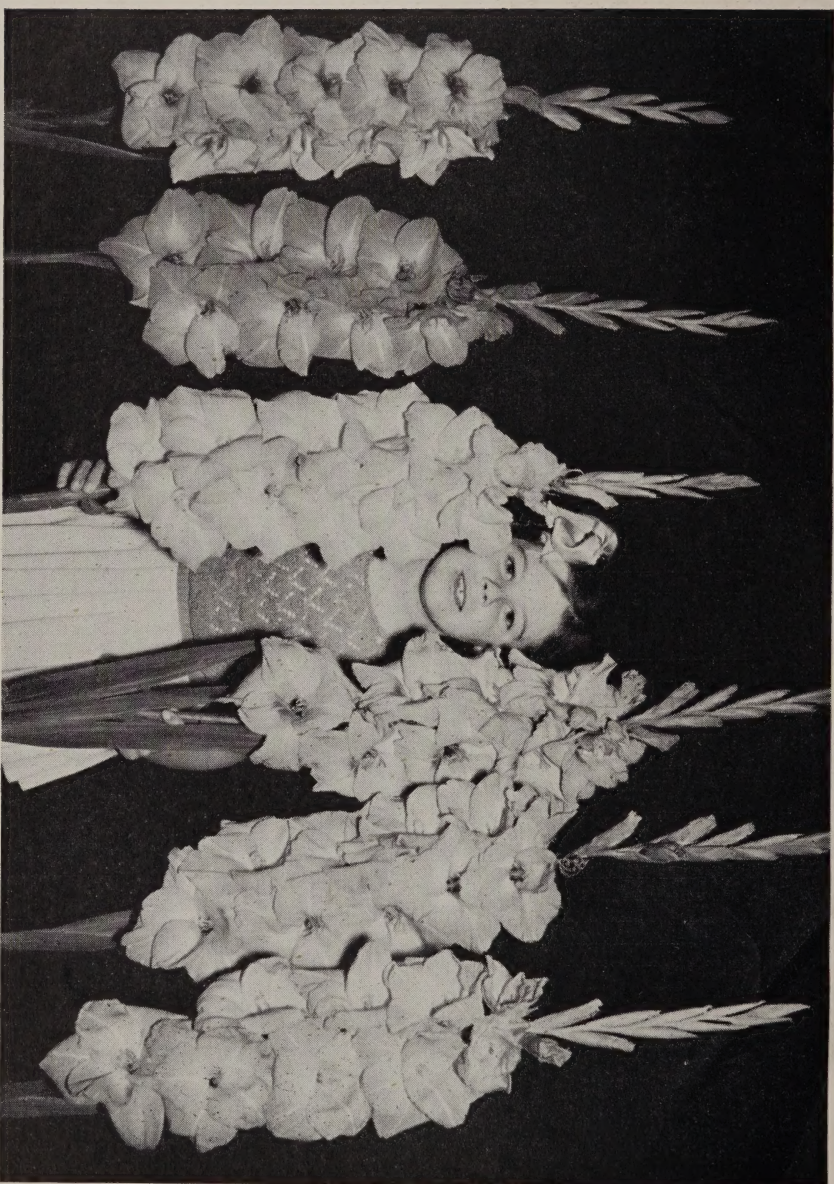
"Just had to write and thank you for the many extra glad bulbs you sent me—and some of your best ones, too. No one could appreciate them more than I because my love for glads is very large and my pocket-book very small and flat." 4-6-40. Mrs. L. P. K., Vandalia, Mo.

"What a thrill I have had this evening unpacking my order of gladiolus bulbs, bulblets and seeds. Every variety had either extras or larger sizes than ordered and in many cases it was both. And new ones to try. All in all—I never received such value for so little expended in all my glad growing days—since 1921." 4-9-41. W. J. D., Detroit, Mich.

"I received my 'Jackpot' of bulbs in good condition. From a long list of suggested extras you must have given me just all of them 'for free' and some high priced ones to boot." 5-3-42. L. J. H. Cleveland, O.

"The seeds came this morning, overcounted as usual 100%. Thank you very much. Growing those seeds is more fun than anything in gardening. As for the membership which you say is due me, since I already belong to many societies, don't bother. I don't see why any premium should be due after discounts, overcount, oversize and extras." 3-31-41. W. C. W. N. Y. City.

"Festival Queen was a knockout—five 6½ in. florets on a strong, straight spike, better color than Picardy. Jersey Cream is all you claim for it. Winall put out tall spikes with 10 florets open. But Rosa van Lima was a wonder. Seven 6 in. florets on perfect spikes and the color is what we have been looking for for several years." 8-25-40. F. F. S., Shreve, Ohio.



Fascination

Seedling

Mrs. E. Both
(Grand Champ)

Tunia's Marvel
(Seedling Champ)

St. Edward

Col. Wm. Light

Miss Marlene Both

THE SIX BEST SPIKES AT SO. AUSTR. GLAD. SOC. SHOW, NOV., 1940